

APRIL 2012

*Based on data date cut-off of
April 27, 2012.*



MONTHLY PROGRESS REPORT

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION

Contents

| | |
|--|----|
| Contents..... | i |
| Table of Figures..... | ii |
| 1. EXECUTIVE SUMMARY | 1 |
| 1.1 Project Highlights and Milestones Achieved..... | 1 |
| 1.2 HART Board Scheduled Meetings and Events April-May | 3 |
| 1.3 Issues and Actions Taken | 4 |
| 2. PROJECT STATUS | 5 |
| 2.1 Budget/Cost..... | 5 |
| 2.2 Schedule/Progress..... | 8 |
| 2.3 Contingency Management | 11 |
| 3. CONTRACT STATUS | 14 |
| 3.1 Procurement Status | 14 |
| 3.2 Design-Build (DB) Contracts | 21 |
| 3.3 Design-Build-Operate-Maintain (DBOM) Contract | 24 |
| 3.4 Design-Bid-Build (DBB) Contracts | 25 |
| 3.5 Utility and HDOT Agreements..... | 29 |
| 3.6 Other Design and Interface Activities | 32 |
| 4. GROUP REPORTS..... | 33 |
| 4.1 Safety and Security..... | 33 |
| 4.2 Quality Management | 34 |
| 4.3 Right-of-Way Status and Third Party Agreements..... | 36 |
| 4.4 Planning and Environmental | 39 |
| 4.5 Permits | 42 |
| 4.6 Risk Management..... | 43 |
| 4.7 Community Outreach..... | 44 |
| 5. STAFFING..... | 46 |
| 6. APPENDICES | 49 |
| Appendix A. Project Organization Chart | 50 |
| Appendix B. Project Alignment | 51 |

Table of Figures

| | |
|--|----|
| Figure 1. Pier 65 Foundation Shaft Placement | 1 |
| Figure 2. Closed PMOC Monthly Report Issues | 4 |
| Figure 3. Revenue versus Expenditures | 5 |
| Figure 4. Sources of Project Funding | 6 |
| Figure 5. Planned Funding | 6 |
| Figure 6. Cost versus Budget-Standard Cost Code (SCC)-Summary (\$M)..... | 6 |
| Figure 7. Cost versus Budget – Standard Cost Code (SCC) – Details (\$M)..... | 7 |
| Figure 8. Overall Project Progress..... | 8 |
| Figure 9. H RTP Summary Master Project Schedule (MPS) | 9 |
| Figure 10. H RTP Linear Schedule | 10 |
| Figure 11. Project Cost and Schedule Contingencies..... | 12 |
| Figure 12. Cost Contingency Drawdown Chart..... | 13 |
| Figure 13. Schedule Contingency Drawdown Chart | 13 |
| Figure 14. Procurement Tracking Report: Design-Build (DB), Design-Build-Operate-Maintain (DBOM) and Manufacture-Install-Maintain Contracts | 14 |
| Figure 15. Procurement Tracking Report: Design-Bid-Build (DBB) Contracts | 15 |
| Figure 16. Procurement Tracking Report: Design-Bid-Build (DBB) Contracts (<i>continued</i>) | 16 |
| Figure 17. Procurement Tracking Report: Final Design (FD) Contracts | 17 |
| Figure 18. Construction Engineering and Inspection Services (CE&I) Contracts | 18 |
| Figure 19. Project Management and Specialty Consultant Services Contracts..... | 19 |
| Figure 20. HDOT Consultant Services and Other Contracts..... | 20 |
| Figure 21. West Oahu/Farrington Highway Guideway (WOFH) Design-Build (DB) Contract | 21 |
| Figure 22. Maintenance and Storage Facility (MSF) DB Contract..... | 22 |
| Figure 23. Kamehameha Guideway (KHG) DB Contract | 23 |
| Figure 24. Core Systems Design-Build-Operate-Maintain (DBOM) Contract | 24 |
| Figure 25. Farrington Highway Station Group (FHSG) Final Design (FD) Contract | 25 |
| Figure 26. Airport Guideway and Utilities Final Design (FD) Contract..... | 27 |
| Figure 27. Utility Agreements Status Matrix - WOFH, KHG, Airport, City Center..... | 30 |
| Figure 28. Construction Safety Monitoring - Safety and Security Issues..... | 33 |
| Figure 29. Right-of-Way Status Summary Table | 36 |
| Figure 30. H RTP Acquisition-Relocation Agreements Status..... | 37 |
| Figure 31. Risk Refresh Workshop Action Items..... | 43 |
| Figure 32. Staffing Activities | 46 |
| Figure 33. Staffing Projection in current Staffing Plan..... | 47 |
| Figure 34. Project Management Staffing (Actual and Planned) | 48 |

1. EXECUTIVE SUMMARY

1.1 PROJECT HIGHLIGHTS AND MILESTONES ACHIEVED

- 1.1.1 The Honolulu Authority for Rapid Transportation (HART) initiated construction of Honolulu's rail transit system on April 23, after successfully meeting all permit requirements and receiving approval from the Federal Transit Administration (FTA). Shaft drilling for the first of approximately fifty structural columns took place for the 2.5-mile guideway segment from East Kapolei to Fort Weaver Road. (See photos below.)

Figure 1. Pier 65 Foundation Shaft Placement



- 1.1.2 As construction begins on the first operating section of the rail project, Archaeological Inventory Survey (AIS) work continues along the alignment in accordance with the Programmatic Agreement (PA) between the City and County of Honolulu (CCH, the City) and the FTA, State Historic Preservation Officer (SHPO), U.S. Navy and Advisory Council on Historic Preservation (ACHP) regarding the Project. To date, no *iwi kupuna* (Native Hawaiian ancestral human remains) have been discovered.
- 1.1.3 Construction activities have increased the number of jobs directly related to building the rail. The project has so far generated at least 508 jobs, including 243 construction positions. Kiewit Infrastructure West Company (KIWC) and Kiewit/Kobayashi Joint Venture (KKJV), scheduled to complete their 3 contracts by the end of 2015, project they will create 1,650 direct jobs during their 3½ years of construction. As the project recovers from various delays, the number of direct, indirect and induced jobs will

steadily increase to the forecast peak employment in 2014. Direct jobs are jobs in the heavy civil engineering and construction sector; indirect jobs are jobs created in other sectors as a result of construction, such as food service jobs to cater to employees on the project. Induced jobs are positions that result from the overall expansion of the regional economy due to the project.

- 1.1.4 During the month, the U.S. Senate Committee on Appropriations voted 28 to 1 in support of the Transportation, Housing and Urban Development (THUD) Appropriations Bill, which includes over \$2 billion for the Federal Transit Administration's capital investment grant program and the \$250 million, the most for any rail project in the country, requested by President Barak Obama for the Honolulu Rail Transit Project.
- 1.1.5 The City Council's Legislative Matters Committee, made up of all 9 Council members and led by Council Chairman Ernie Martin, voted 7 to 2 to advance a bill that would increase the commercial paper capacity to \$450 million, including the authority for HART to draw on it. As explained by HART Executive Director/CEO Dan Grabauskas to committee members, this additional measure is standard practice for such FTA projects and serves as an assurance that the project can withstand major financial setbacks or unexpected catastrophic events and still be able to complete work.

1.2 HART BOARD SCHEDULED MEETINGS AND EVENTS APRIL-MAY

1.2.1 Joint Project Oversight Committee Meeting

Thursday, April 5, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

1.2.2 Joint Finance and Project Oversight Committee Meeting

Thursday, April 19, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

1.2.3 HART Board of Directors Meeting

Thursday, April 19, 9:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

1.2.4 HART Finance Committee Meeting

Thursday, May 3, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

1.2.5 HART Audit/Legal Committee Meeting

Thursday, May 3, 9:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

1.2.6 HART Transit Oriented Development (TOD) Committee Meeting

Thursday, May 17, 8:30 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

1.2.7 HART Board of Directors Meeting

Thursday, May 17, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

1.3 ISSUES AND ACTIONS TAKEN

The following are issues identified by the FTA's Project Management Oversight Contractor (PMOC) in their Monthly Reports with the actions taken or being taken by HART as appropriate to address and close them. *[Information added since the previous report is underlined and in italics]*; New Issues and/or Actions are denoted as **[NEW]**; Issues resolved since the previous report are denoted as **[CLOSED]** and entered in the Closed Issues table below.]

- 1.3.3 License Agreement with Department of Hawaiian Home Lands (DHHL)
Issue: The PMOC is concerned with the City's need to get a license agreement in place on the Ewa Drum Site, where the MSF will be constructed.
Action: License agreement discussions with DHHL continue. A Right-of-Entry consent for the Ewa Drum Site for construction was approved by the DHHL Board. The final agreement documentation is still going through the legal review. There does not appear to be any issue that will impact the construction schedule for MSF.
- 1.3.4 Selection of a State Safety Oversight Agency (SOA) Consultant and Developing System Safety Program Plans and System Security Program Plans
Issue: Given the significant scope for developing System Safety Program Plans and System Security Program Plans, as well as establishing the associated standards and responsibilities, the PMOC has a concern about the schedule for bringing on the SOA Manager and Consultant.
Action: The Memorandum of Agreement (MOA) with the State of Hawaii Department of Transportation (HDOT) has been revised to transfer the procurement of an SOA Support Consultant to HDOT. An interim SOA Project Manager has been designated within HDOT until the agency hires a permanent, full-time person for the position. HDOT has advised HART that a permanent SOA Project Manager will be hired by May and the SOA Support Consultant by August.

Figure 2. Closed PMOC Monthly Report Issues

| Closed Issues | | |
|---------------|---|---------------|
| Item No. | Description | Month Closed |
| 1.3.1 | Utilization of Letters of No Prejudice (LONPs) | February 2012 |
| 1.3.2 | Master Project Schedule Critical Path | July 2011 |
| 1.3.5 | Program Management Support Consultant (PMSC) Re-Procurement | March 2011 |

2. PROJECT STATUS

2.1 BUDGET/COST

2.1.1 The Project Budget submitted by the Honolulu Authority for Rapid Transportation (HART) and accepted by the Federal Transit Administration (FTA) in April 2011 for the Honolulu Rail Transit Project was **\$5.317 billion**, which is the current baseline budget. During the request to enter Final Design, HART developed and submitted a Draft Financial Plan (September 2011) to the FTA that incorporated cost reductions that resulted in a re-casting of the Project Budget to **\$5.174 billion**. These reductions have been reviewed and validated by the FTA's consultants, the Financial Management Oversight Contractor (FMOC) and the Project Management Oversight Contractor (PMOC). Concurrence with this latest Financial Plan was one of the last items required prior to HART's receiving approval to enter into the Final Design phase in January 2012.

[Note: Because the Project Budget has not yet been re-baselined, all budget references in this report are based on the \$5.3 B Budget. However, the Estimate at Completion (EAC) reflects the basis for the latest Draft Financial Plan (September 2011), which forecasts a Project Budget of \$5.174 B.]

2.1.2 As of March 30, **\$389.5 million**, or **9.4%**, of the Project Budget has been incurred (actual expenditures plus approved payments).

2.1.3 The Project's Total Budget Contingency is currently **\$835.1 million**, of which \$653.0 million is Allocated Contingency and \$182.1 million is Unallocated Contingency.

2.1.4 Funding to Date

Figure 3 below shows that as of the end-of-March data date, Project Revenue is **\$796.8 million**. The projected amount of expected revenue at the end of the 4th quarter of Fiscal Year 2012 is \$1.025 billion in the latest draft Financial Plan of September 2011. Funding is still well ahead of the current incurred costs.

Figure 3. Revenue versus Expenditures

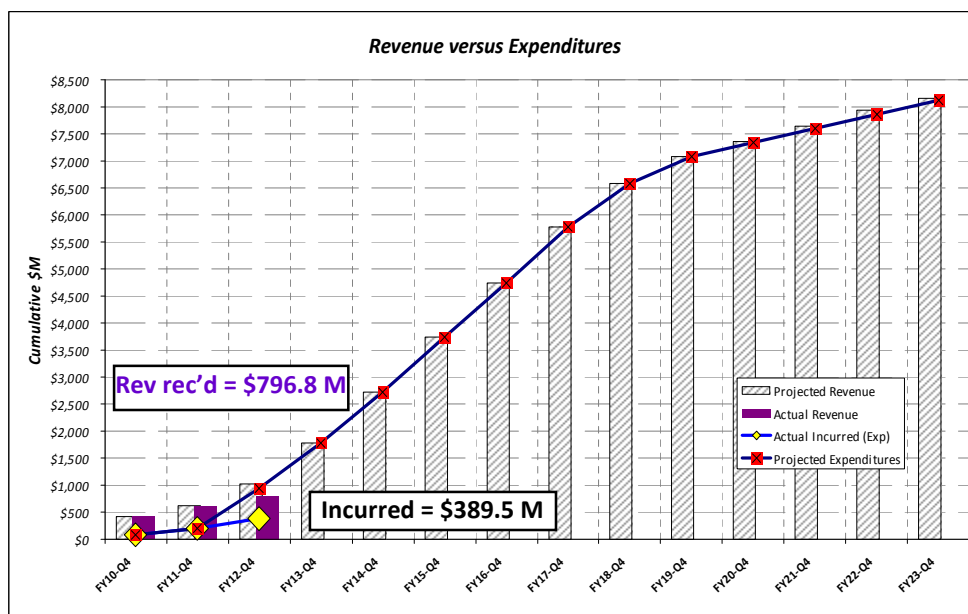


Figure 4. Sources of Project Funding

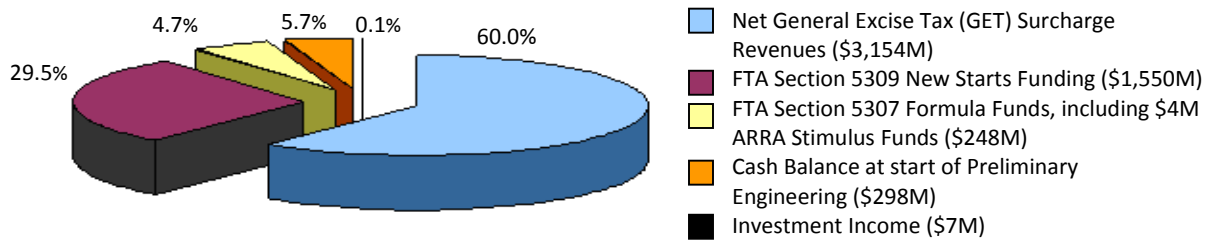


Figure 5. Planned Funding

| Fund | Planned ^{*1} (M) | Received To Date (M) |
|---|---------------------------|----------------------|
| Net General Excise Tax (GET) | 3,154 | ^{*2} 432 |
| FTA Section 5309 New Starts | 1,550 | 62 |
| FTA Section 5307 Formula Funds, including ARRA | 248 | 4 |
| Cash Balance - Opening balance at start of PE ^{*3} | 298 | ^{*3} 298 |
| Investment Income, Other Income | 7 | 1 |
| Totals | \$ 5,257 | \$ 797 |

^{*1} Per the Sept-11 Financial Plan, Project Capital Costs is planned at \$4.879M, exclusive of financing.

^{*2} The total GET surcharge collected since inception is \$858.7 M. However, the GET accounting that is applicable for this report is based only on the start of the Preliminary Engineering Phase, which amounts to \$432 million.

^{*3} Opening Cash Balance (Pre-PE) consisted of GET funds.

2.1.5 Cost versus Budget Summary Status

Figure 6. Cost versus Budget-Standard Cost Code (SCC)-Summary (\$M)

Report Date: April 2012

Data Date: March 30, 2012

COST versus BUDGET - SUMMARY STATUS (\$M) - By STANDARD COST CODE (SCC)

| SCC | Category | Current Budget March '12 versus February '12 | | | Commitments | | Incurred (Expenditures + Approved for Payment) | | Estimate at Completion (EAC) | |
|---|-------------------------------------|---|-----------------------|----------|-------------|---------|--|---------|---------------------------------|---------------------------|
| | | Feb '12 | Transfers/ Changes | Mar '12 | To Date | Mar '12 | To Date | Mar '12 | Current Forecast | Change from Last Month |
| 10 | Guideway & Track (20 mi) | 1,117.82 | -0- | 1,117.82 | 509.74 | 0.00 | 0.00 | 0.00 | 1,156.70 | +10.91 |
| 20 | Stns, Stops, Terminals (21) | 511.43 | -0- | 511.43 | 0.00 | 0.00 | 0.00 | 0.00 | 407.46 | -0- |
| 30 | Support Facilities: Yds, Shops, Adm | 91.86 | -0- | 91.86 | 96.34 | 0.00 | 2.73 | 0.00 | 93.02 | +0.58 |
| 40 | Sitework & Special Conditions | 886.98 | -0- | 886.98 | 458.34 | 0.60 | 150.51 | 3.87 | 929.93 | (16.63) |
| 50 | Systems | 223.21 | -0- | 223.21 | 205.66 | 0.00 | 0.00 | 0.00 | 238.21 | -0- |
| 10-50 | Construction Subtotal | 2,831.30 | -0- | 2,831.30 | 1,270.08 | 0.60 | 153.24 | 3.87 | 2,825.31 | (5.14) |
| 60 | Real Estate | 177.10 | +0.82 | 177.92 | 23.16 | 5.04 | 20.16 | 2.04 | 154.32 | +0.82 |
| 70 | Vehicles | 189.70 | -0- | 189.70 | 198.92 | 0.00 | 0.00 | 0.00 | 189.70 | -0- |
| 80 | Professional Services | 948.94 | -0- | 948.94 | 512.78 | 1.91 | 216.10 | 10.21 | 932.76 | (4.37) |
| 90 | Project Contingency | 835.87 | (0.82) | 835.05 | 1.80 | 0.00 | 0.00 | 0.00 | 776.81 | +8.69 |
| 100.01 | Finance Charges: Project-eligible | 229.86 | -0- | 229.86 | 0.00 | 0.00 | 0.00 | 0.00 | 246.98 | -0- |
| FTA TOTAL PROJECT | | 5,212.78 | -0- | 5,212.78 | 2,006.75 | 7.55 | 389.51 | 16.12 | 5,125.89 | -0- |
| Non-FTA Eligible Costs Finance Charges * | | 104.57 | -0- | 104.57 | 0.00 | 0.00 | 0.00 | 0.00 | 47.79 | -0- |
| GRAND TOTAL PROJECT | | 5,317.35 | -0- | 5,317.35 | 2,006.75 | 7.55 | 389.51 | 16.12 | 5,173.67 | -0- |

* Finance Charges beyond the Revenue Service Date are not eligible for reimbursement from FTA funds.

Figure 7. Cost versus Budget – Standard Cost Code (SCC) – Details (\$M)

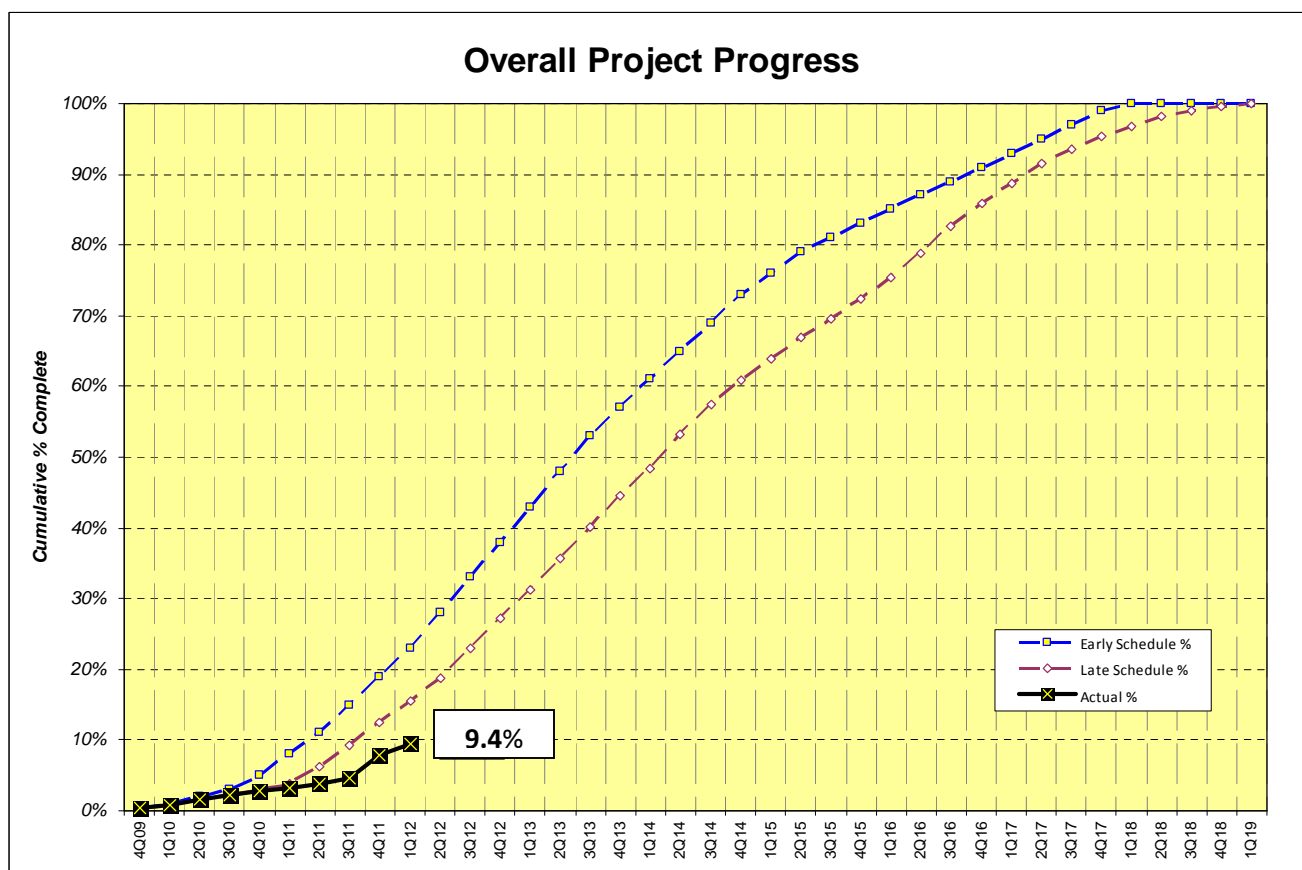
| COST versus BUDGET - SUMMARY STATUS (\$M) - By STANDARD COST CODE (SCC) | | | | | | | | | | Report Date: April 2012 Data Date: March 30, 2012 | |
|---|--------------------------------------|---|-----------------------|----------|-------------|---------|--|---------|---------------------------------|--|--|
| SCC | Category | Current Budget March '12 versus February '12 | | | Commitments | | Incurred (Expenditures + Approved for Payment) | | Estimate at Completion (EAC) | | |
| | | Feb '12 | Transfers/ Changes | Mar '12 | To Date | Mar '12 | To Date | Mar '12 | Current Forecast | Change from Last Month | |
| 10 | Guideway & Track (20 mi) | 1,117.82 | -0- | 1,117.82 | 509.74 | 0.00 | 0.00 | 0.00 | 1,156.70 | +10.91 | |
| 10.04 | Guideway: Aerial | 1,032.00 | -0- | 1,032.00 | 434.10 | 0.00 | 0.00 | 0.00 | 1,054.97 | +10.00 | |
| 10.08 | Guideway: Retained Cut or Fill | 6.44 | -0- | 6.44 | 6.44 | 0.00 | 0.00 | 0.00 | 6.44 | -0- | |
| 10.09 | Track: Direct Fixation | 74.85 | -0- | 74.85 | 65.01 | 0.00 | 0.00 | 0.00 | 90.76 | +0.91 | |
| 10.11 | Track: Ballasted | 2.70 | -0- | 2.70 | 2.70 | 0.00 | 0.00 | 0.00 | 2.70 | -0- | |
| 10.12 | Track: Special | 1.84 | -0- | 1.84 | 1.50 | 0.00 | 0.00 | 0.00 | 1.84 | -0- | |
| 20 | Stns, Stops, Terminals (21) | 511.43 | -0- | 511.43 | 0.00 | 0.00 | 0.00 | 0.00 | 407.46 | -0- | |
| 20.01 | At-grade Stn, platform, etc | 6.93 | -0- | 6.93 | 0.00 | 0.00 | 0.00 | 0.00 | 6.93 | -0- | |
| 20.02 | Aerial Stn, platform, etc. | 373.83 | -0- | 373.83 | 0.00 | 0.00 | 0.00 | 0.00 | 285.85 | -0- | |
| 20.06 | Auto parking structure | 65.06 | -0- | 65.06 | 0.00 | 0.00 | 0.00 | 0.00 | 65.06 | -0- | |
| 20.07 | Elevators, escalators | 65.61 | -0- | 65.61 | 0.00 | 0.00 | 0.00 | 0.00 | 49.61 | -0- | |
| 30 | Support Facilities: Yds, Shops, Adm | 91.86 | -0- | 91.86 | 96.34 | 0.00 | 2.73 | 0.00 | 93.02 | +0.58 | |
| 30.02 | Light Mtce Facility | 7.53 | -0- | 7.53 | 7.59 | 0.00 | 0.00 | 0.00 | 7.53 | -0- | |
| 30.03 | Heavy Mtce Facility | 37.86 | -0- | 37.86 | 37.86 | 0.00 | 2.66 | 0.00 | 38.25 | -0- | |
| 30.04 | Storage or Mtce-of-Way Bldg | 7.74 | -0- | 7.74 | 7.74 | 0.00 | 0.07 | 0.00 | 7.74 | -0- | |
| 30.05 | Yard & Yard Track | 38.74 | -0- | 38.74 | 43.16 | 0.00 | 0.00 | 0.00 | 39.50 | +0.58 | |
| 40 | Sitework & Special Conditions | 886.98 | -0- | 886.98 | 458.34 | 0.60 | 150.51 | 3.87 | 929.93 | (16.63) | |
| 40.01 | Demolition, Clearing, Earthwk | 17.24 | -0- | 17.24 | 7.90 | 0.00 | 0.00 | 0.00 | 17.24 | -0- | |
| 40.02 | Site Utilities, Utility Reloc | 291.21 | -0- | 291.21 | 71.99 | 0.60 | 2.91 | 0.25 | 290.52 | -0- | |
| 40.03 | Haz Mat'l, Contam soil remove | 6.72 | -0- | 6.72 | 0.00 | 0.00 | 0.00 | 0.00 | 6.72 | -0- | |
| 40.04 | Environmental Mitigation | 26.72 | -0- | 26.72 | 16.54 | 0.00 | 1.93 | 0.28 | 26.72 | -0- | |
| 40.05 | Site structures, retain walls | 19.78 | -0- | 19.78 | 8.90 | 0.00 | 0.00 | 0.00 | 19.78 | -0- | |
| 40.06 | Ped/bike access, landscape | 37.54 | -0- | 37.54 | 5.00 | 0.00 | 0.00 | 0.00 | 36.89 | -0- | |
| 40.07 | Auto, bus, van accessways | 181.33 | -0- | 181.33 | 34.77 | 0.00 | 0.43 | 0.00 | 173.78 | -0- | |
| 40.08 | Temporary Facil, Indirect Cost | 306.43 | -0- | 306.43 | 313.24 | 0.00 | 145.24 | 3.34 | 358.28 | (16.63) | |
| 50 | Systems | 223.21 | -0- | 223.21 | 205.66 | 0.00 | 0.00 | 0.00 | 238.21 | -0- | |
| 50.01 | Train control & signals | 82.68 | -0- | 82.68 | 82.68 | 0.00 | 0.00 | 0.00 | 97.68 | -0- | |
| 50.02 | Traffic signals & crossing prot | 10.73 | -0- | 10.73 | 0.00 | 0.00 | 0.00 | 0.00 | 10.73 | -0- | |
| 50.03 | Traction power supply: substn | 30.17 | -0- | 30.17 | 30.98 | 0.00 | 0.00 | 0.00 | 30.17 | -0- | |
| 50.04 | Traction power distrib: cate | 32.86 | -0- | 32.86 | 25.08 | 0.00 | 0.00 | 0.00 | 32.86 | -0- | |
| 50.05 | Communications | 54.10 | -0- | 54.10 | 54.25 | 0.00 | 0.00 | 0.00 | 54.10 | -0- | |
| 50.06 | Fare collection sys & equip | 9.22 | -0- | 9.22 | 9.22 | 0.00 | 0.00 | 0.00 | 9.22 | -0- | |
| 50.07 | Central Control | 3.45 | -0- | 3.45 | 3.45 | 0.00 | 0.00 | 0.00 | 3.45 | -0- | |
| 10-50 | Construction Subtotal | 2,831.30 | -0- | 2,831.30 | 1,270.08 | 0.60 | 153.24 | 3.87 | 2,825.31 | (5.14) | |
| 60 | Real Estate | 177.10 | +0.82 | 177.92 | 23.16 | 5.04 | 20.16 | 2.04 | 154.32 | +0.82 | |
| 60.01 | Purch or lease of R/E | 160.46 | -0- | 160.46 | 19.54 | 1.74 | 19.54 | 1.74 | 136.86 | -0- | |
| 60.02 | Relocation of existing H/H | 16.64 | +0.82 | 17.46 | 3.62 | 3.30 | 0.62 | 0.30 | 17.46 | +0.82 | |
| 70 | Vehicles | 189.70 | -0- | 189.70 | 198.92 | 0.00 | 0.00 | 0.00 | 189.70 | -0- | |
| 70.01 | Light Rail | 171.12 | -0- | 171.12 | 180.34 | 0.00 | 0.00 | 0.00 | 171.12 | -0- | |
| 70.06 | Non-revenue vehicles | 13.03 | -0- | 13.03 | 13.03 | 0.00 | 0.00 | 0.00 | 13.03 | -0- | |
| 70.07 | Spare parts | 5.55 | -0- | 5.55 | 5.55 | 0.00 | 0.00 | 0.00 | 5.55 | -0- | |
| 80 | Professional Services | 948.94 | -0- | 948.94 | 512.78 | 1.91 | 216.10 | 10.21 | 932.76 | (4.37) | |
| 80.01 | Prelim Engineering | 54.14 | -0- | 54.14 | 107.93 | 12.24 | 82.79 | 2.31 | 54.14 | -0- | |
| 80.02 | Final Design | 198.73 | -0- | 198.73 | 82.47 | 0.00 | 4.41 | 2.18 | 199.06 | (0.15) | |
| 80.03 | Project Mgmt - Design & Construction | 326.25 | -0- | 326.25 | 224.74 | (11.33) | 117.75 | 4.68 | 327.25 | -0- | |
| 80.04 | Construction Admin & Mgmt | 170.83 | -0- | 170.83 | 34.52 | 0.00 | 7.78 | 0.87 | 170.83 | -0- | |
| 80.05 | Prof Liability & non-Construct Insur | 51.00 | -0- | 51.00 | 0.06 | 0.00 | 0.06 | 0.00 | 34.86 | (4.23) | |
| 80.06 | Legal; Permits; Review Fees | 63.71 | -0- | 63.71 | 5.77 | 1.00 | 2.68 | 0.01 | 67.47 | -0- | |
| 80.07 | Surveys; Testing; Investig; Inspect | 12.82 | -0- | 12.82 | 9.34 | 0.00 | 0.63 | 0.16 | 12.82 | -0- | |
| 80.08 | Start-Up | 71.45 | -0- | 71.45 | 47.97 | 0.00 | 0.00 | 0.00 | 66.33 | -0- | |
| 90 | Project Contingency | 835.87 | (0.82) | 835.05 | 1.80 | 0.00 | 0.00 | 0.00 | 776.81 | +8.69 | |
| 90.01 | Unallocated Project Conting | 182.05 | -0- | 182.05 | 0.00 | 0.00 | 0.00 | 0.00 | 162.27 | +5.00 | |
| 90.02 | Allocated Contract Conting | 651.93 | (0.82) | 651.10 | 0.00 | 0.00 | 0.00 | 0.00 | 610.07 | +4.03 | |
| 90.03 | Allowance for Design | 1.89 | -0- | 1.89 | 1.80 | 0.00 | 0.00 | 0.00 | 4.47 | (0.34) | |
| 100.01 | Finance Charges: Project-eligible | 229.86 | -0- | 229.86 | 0.00 | 0.00 | 0.00 | 0.00 | 246.98 | -0- | |
| FTA TOTAL PROJECT | | 5,212.78 | -0- | 5,212.78 | 2,006.75 | 7.55 | 389.51 | 16.12 | 5,125.89 | -0- | |
| Non-FTA Eligible Costs Finance Charges * | | 104.57 | -0- | 104.57 | 0.00 | 0.00 | 0.00 | 0.00 | 47.79 | -0- | |
| GRAND TOTAL PROJECT | | 5,317.35 | -0- | 5,317.35 | 2,006.75 | 7.55 | 389.51 | 16.12 | 5,173.67 | -0- | |

* Finance Charges beyond the Revenue Service Date are not eligible for reimbursement from FTA funds.

2.2 SCHEDULE/PROGRESS

- 2.2.1 As of the end of March, the Project is forecasting Full Revenue Service in **March 2019**, a full 9 months ahead of the December 31, 2019 completion date reflected in the revised Draft Financial Plan and the Risk and Contingency Management Plan (RCMP) prepared for Entry into Final Design.
- 2.2.2 Figure 8 presents the Project status, based on overall earned performance against the Early Start/Late Start dates in the Master Project Schedule (MPS). Overall progress, based on completion of milestones, is **9.4%**, which is behind the original early plan of 23% and a late plan of 15.5% due to delays to Final Design (FD) authorizations and the protracted settlement of the Core Systems contract protests. A recovery schedule is being developed and the full Revenue Service Date (RSD) of March 2019 is not at risk at this time.

Figure 8. Overall Project Progress



- 2.2.3 Exhibits on the following pages:

- Figure 9. H RTP Summary Master Project Schedule (MPS)
- Figure 10. H RTP Linear Schedule

Figure 9. H RTP Summary Master Project Schedule (MPS)

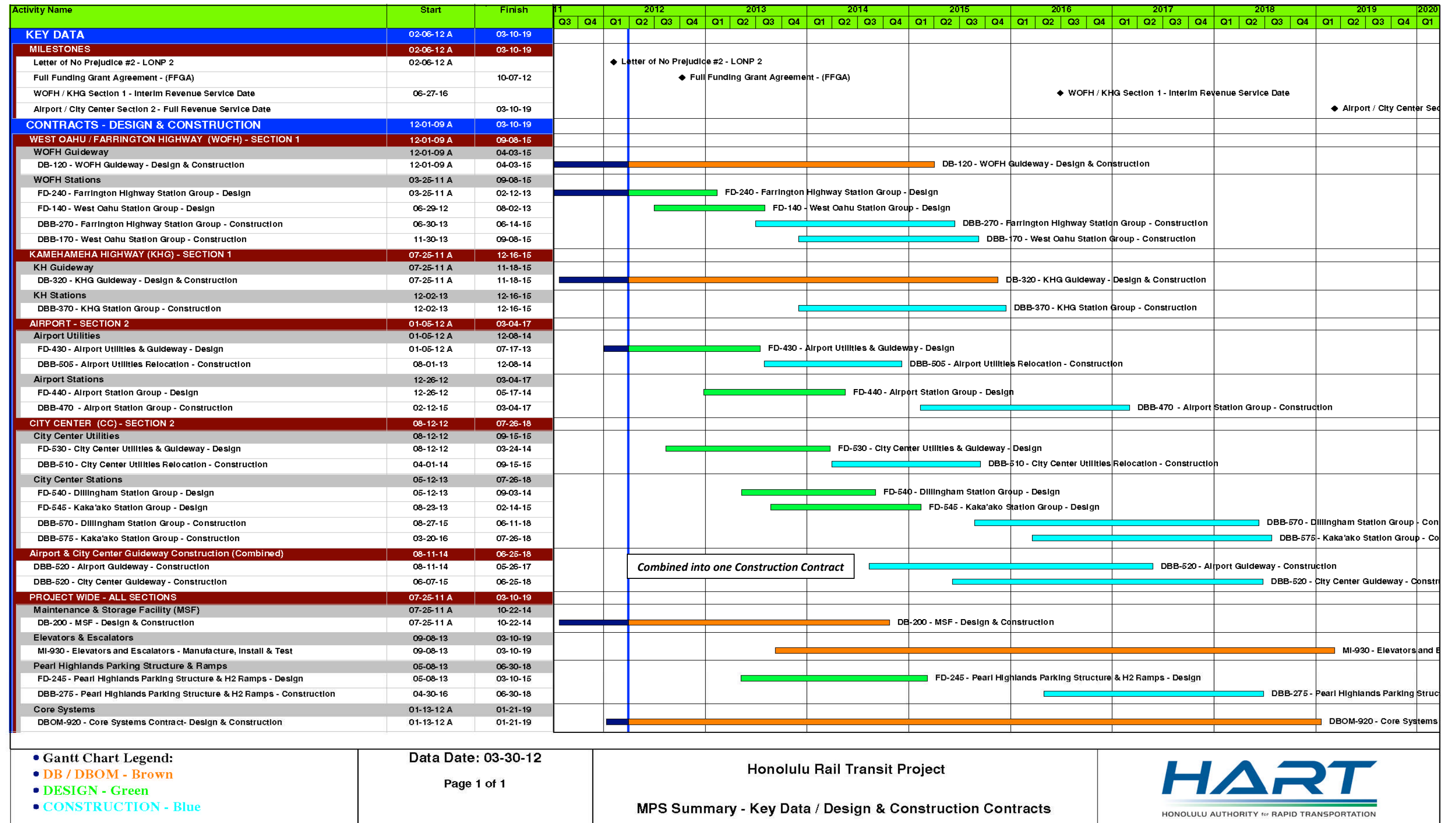
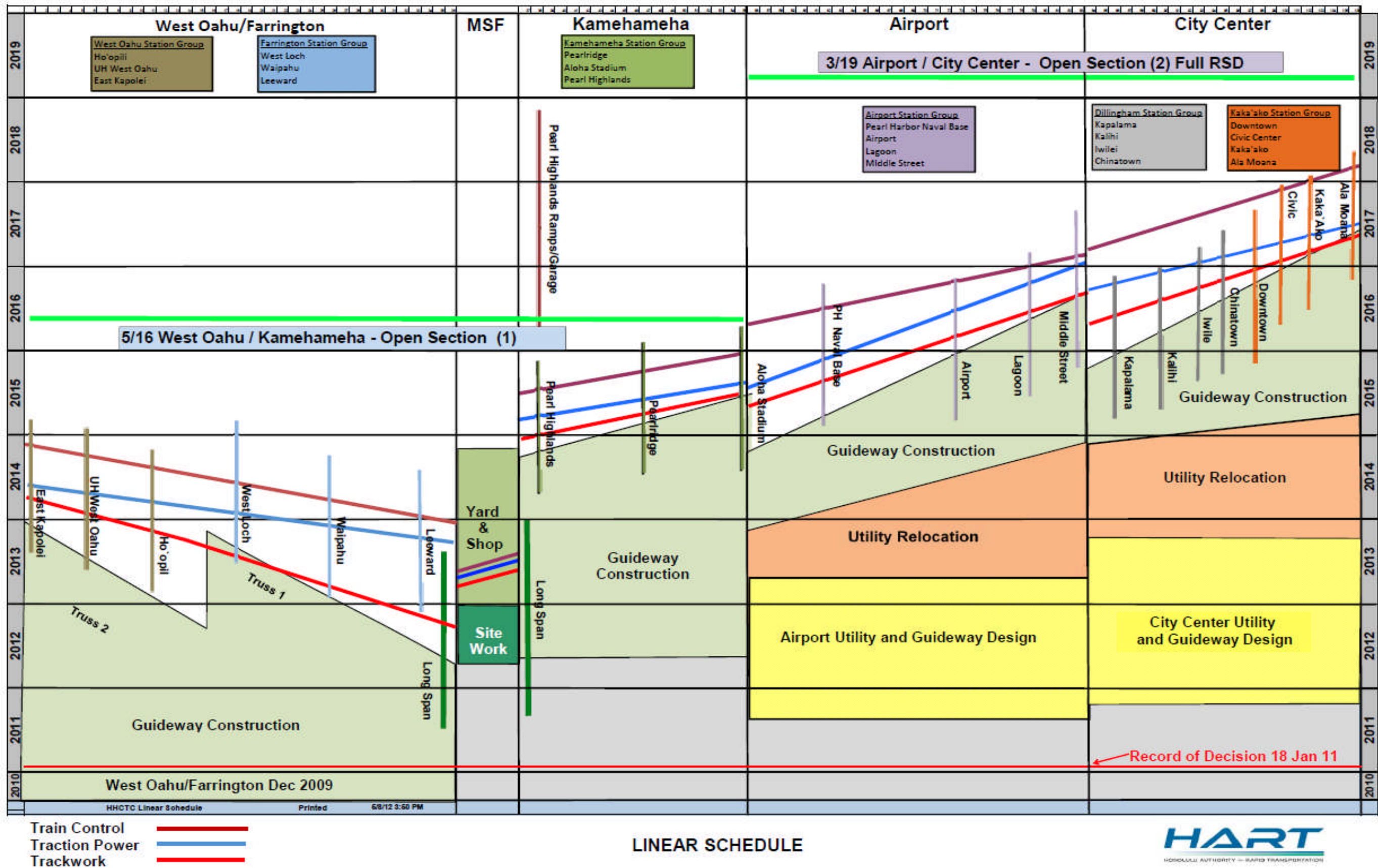


Figure 10. HRT Linear Schedule



2.3 CONTINGENCY MANAGEMENT

[Refer to previous pages 6-7, Figure 6 and Figure 7, Cost versus Budget - By SCC]

2.3.1 Current Budget

Total Contingency – as of June ‘11..... \$865.6M

Executed Change Orders: (\$19.0M)

Budget Transfer – Contract Award: (\$11.5M)

Net Current Contingency Budget..... \$835.1 M

2.3.2 Estimate at Completion (EAC)

Projected Contingency Usage: (\$58.2M)

Total Contingency – New Balance EAC..... \$776.8M

Actual contingency usage is reflected in 2.3.1 Current Budget above. Usage consists of: 1) executed contract change orders and/or 2) authorized budget transfers in accordance with the approved change control process. (Budget transfers typically are implemented when either scope is transferred from one work package to another or when projected costs indicate the potential for exceeding the budgeted amount for a contract and additional contingency is warranted.) As of March month-end, \$19.0 million in change orders have been executed for the DB-120 West Oahu/ Farrington Highway Guideway (WOFH) contract; \$10.7 million was transferred to cover FD-430 Airport Guideway and Utilities Design contract award exceeding budget; and \$0.8 million was transferred from Allocated Contract Contingency to contract scope on MM-935 Real Estate Consultant.

Projected contingency usage is reflected in 2.3.2 EAC above. When forecasting the cost of completion on a monthly basis, each contract is analyzed to determine if sufficient contingency has been allocated to address scope and schedule impacts. The dynamic nature of the project necessitates a continuing assessment of having adequate contingencies to address potential risks. As of March month-end, \$58.2 million in contingency allowances have been applied, as appropriate, to cover the potential exposure for all current contracts.

2.3.3 Contingency Drawdown Curves

As part of the Risk and Contingency Management Plan (RCMP) for Entry into the Final Design Phase, Cost and Schedule Contingency Drawdown curves were developed. These curves established minimum and buffer zone levels of cost and schedule contingency in accordance with FTA guidelines. Over the course of the project, if the cost or schedule contingency trends into the buffer zone (the area 10% above the minimum contingency), Project Management will immediately implement actions to maintain an appropriate level contingency at that stage of the project. At Entry into Final Design, Total Contingency was \$846.5 million versus the current \$835.1 million. This is above

the buffer zone. See Figure 11 , Figure 12 and Figure 13 below and on the following pages.

Figure 11. Project Cost and Schedule Contingencies

| Project Contingencies | Current Minimum | Buffer Zone | Current Amount* | Variances | | |
|-------------------------------|-----------------|-------------|-----------------|----------------|--------------------|----------------------|
| | | | | Versus Minimum | Versus Buffer Zone | From Previous Period |
| Cost Contingency (\$M) | \$636.0 | \$700.0 | \$835.1 | +\$199.1 | +\$135.1 | (\$0.8) |
| Schedule Contingency (Months) | 13.0 | 16.0 | 20.0 | +7.0 | +4.0 | 0.0 |

*Current Budget and Updated MPS

Figure 12. Cost Contingency Drawdown Chart

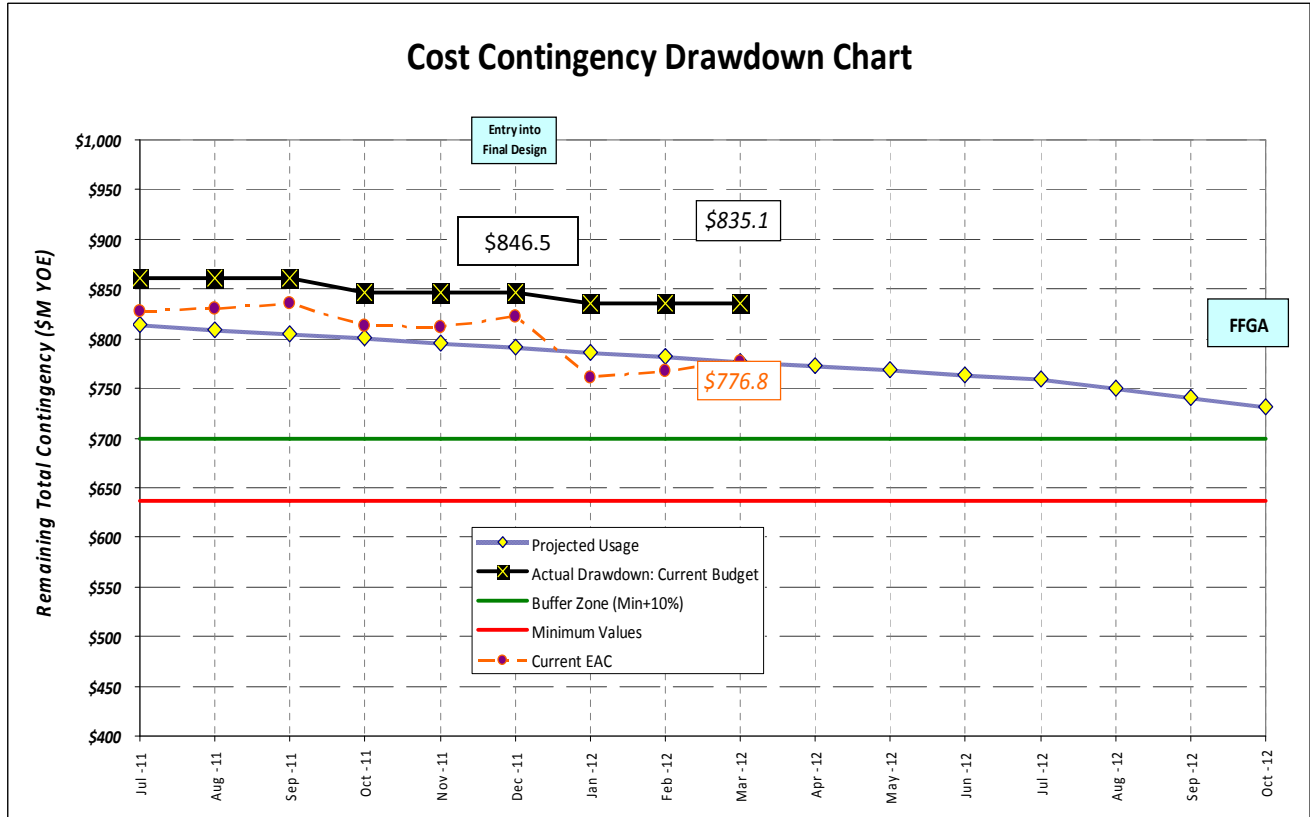
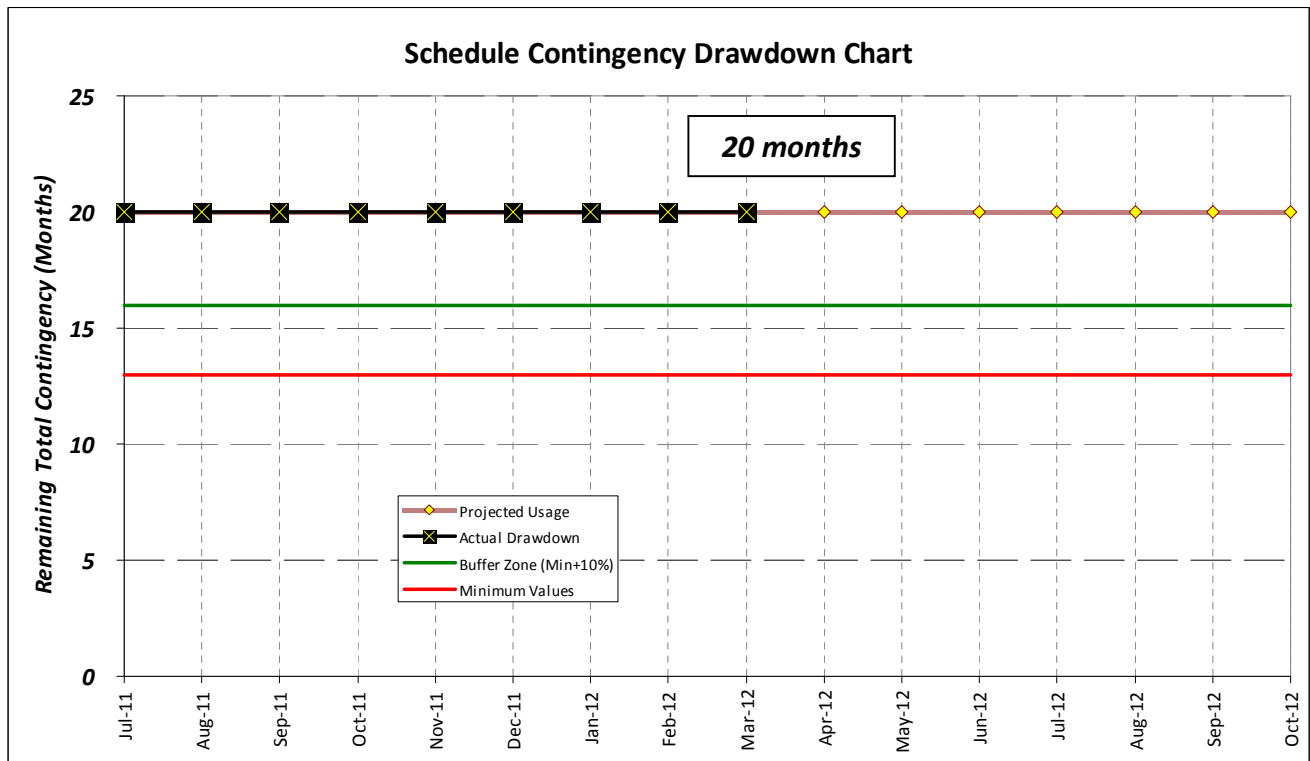


Figure 13. Schedule Contingency Drawdown Chart



3. CONTRACT STATUS

3.1 PROCUREMENT STATUS

Figure 14. Procurement Tracking Report: Design-Build (DB), Design-Build-Operate-Maintain (DBOM) and Manufacture-Install-Maintain Contracts

| Procurement Tracking Report | | | | | | | | | | | | | | | | | |
|---|--|------------------------|------------|------------|------------|------------|------------------|------------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|---------------------|--|
| Design-Build (DB), Design-Build-Operate-Maintain (DBOM) and Manufacture-Install-Test-Maintain Contracts | | | | | | | | | | | | | | | | | |
| Contract # | Contract Name | Sched Ref ^a | Part 1 | | | Part 2 | | | Issue NTP 1 | Issue NTP 1A | Issue NTP 1B | Issue NTP 1C | Issue NTP 2 | Issue NTP 3 | Issue NTP 4 | Contract Completion | Comments |
| | | | Issue RFQ | SOQs Due | Select BOQ | Issue RFP | Submit Proposals | Execute Contract | | | | | | | | | |
| Design-Build Contracts | | | | | | | | | | | | | | | | | |
| DB-120 | West Oahu/Farrington Highway Guideway (WOFH) [Kiewit Infrastructure West Company (KIWC)] | CF | Feb 04 '09 | Mar 13 '09 | Mar 21 '09 | Apr 03 '09 | Aug 28 '09 | Nov 11 '09 | Dec 01 '09 | Mar 11 '10 | Mar 23 '10 | Jun 04 '10 | Mar 03 '11 | May 24 '11 | Feb 06 '12 | Jan 31 '15 | NTP1: Pre-PE, NTP1A: Geotech (03/11/10); NTP1B: Interim Design/Prelim Engrg (03/23/10); NTP1C: Test Shafts (06/04/10); NTP2: Utilities; NTP3: Final Design, NTP4A: Construction w/o Casting Y'd (02/06/12) Substan'l Compl'n = November 2014 |
| | | Act | Feb 04 '09 | Mar 13 '09 | Mar 21 '09 | Apr 03 '09 | Aug 28 '09 | Nov 01 '09 | Dec 01 '09 | Mar 11 '10 | Mar 23 '10 | Jun 04 '10 | Dec 08 '10 | Mar 15 '11 | Feb 06 '12 | Jan 31 '15 | |
| | | BL | -0- | -0- | -0- | -0- | -0- | (10) | -0- | -0- | -0- | -0- | -0- | (85) | (70) | -0- | |
| DB-200 | Maintenance and Storage Facility (MSF) [Kiewit/Kobayashi Joint Venture (KKJV)] | CF | May 29 '09 | Jul 02 '09 | Jul 17 '09 | Jul 24 '09 | Feb 17 '10 | Jun 30 '11 | Jul 25 '11 | ----- | ----- | ----- | Jan 10 '12 | Feb 07 '12 | ----- | Jan 05 '15 | NTP1: Prelim Engrg, NTP2: Final Design; NTP3: Construction Substan'l Compl'n = November 2014 |
| | | Act | May 29 '09 | Jul 02 '09 | Jul 17 '09 | Jul 24 '09 | Feb 17 '10 | Jun 30 '11 | Jul 25 '11 | ----- | ----- | ----- | Jan 10 '12 | Feb 07 '12 | ----- | Jan 05 '15 | |
| | | BL | -0- | -0- | -0- | -0- | -0- | -0- | -0- | ----- | ----- | ----- | ----- | Sep 03 '11 | Feb 07 '12 | -0- | |
| DB-320 | Kamehameha Guideway (KHG) [Kiewit Infrastructure West Company (KIWC)] | CF | Nov 18 '09 | Jan 05 '10 | Feb 15 '10 | Mar 19 '10 | Oct 07 '10 | Jun 30 '11 | Jul 12 '11 | ----- | ----- | ----- | Jan 16 '12 | Feb 07 '12 | ----- | Jul 01 '15 | NTP1: Prelim Engrg, NTP2: Final Design; NTP3A: Construction (02/07/12) Substan'l Compl'n = June 2015 |
| | | Act | Nov 18 '09 | Jan 05 '10 | Feb 15 '10 | Mar 19 '10 | Oct 07 '10 | Jun 30 '11 | Jul 12 '11 | ----- | ----- | ----- | Jan 10 '12 | Feb 07 '12 | ----- | Jul 01 '15 | |
| | | BL | -0- | -0- | -0- | -0- | -0- | -0- | Apr 19 '11 | Apr 23 '11 | ----- | ----- | ----- | Sep 03 '11 | Feb 07 '12 | -0- | |
| Design-Bid-Operate-Maintain Contract | | | | | | | | | | | | | | | | | |
| DBOM-920 | Core Systems Contract [Ansaldo Honolulu JV] | CF | Apr 09 '09 | Jun 05 '09 | Jul 15 '09 | Aug 17 '09 | Jun 07 '10 | Nov 28 '11 | Jan 13 '12 | ----- | ----- | ----- | May 01 '12 | Apr 15 '13 | ----- | Apr 01 '19 | Ready for Integrated Testing: E.Kap to Aloha Stadium Op Seg, September 2015 E.Kap to Middle Street Op Seg, January 2017 E.Kap to Ala Moana Op Seg, June 2018 |
| | | Act | Apr 09 '09 | Jun 05 '09 | Jul 15 '09 | Aug 17 '09 | Jun 07 '10 | Nov 28 '11 | Jan 13 '12 | ----- | ----- | ----- | May 01 '12 | Apr 15 '13 | ----- | Apr 01 '19 | |
| | | BL | -0- | -0- | -0- | -0- | -0- | Feb 26 '11 | Mar 03 '11 | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |
| Manufacture-Install-Test-Maintain | | | | | | | | | | | | | | | | | |
| MI-930 | Elevators and Escalators | CF | Sep 15 '12 | Oct 30 '12 | Dec 15 '12 | Jan 15 '13 | Mar 15 '13 | Jun 15 '13 | Jul 15 '13 | ----- | ----- | ----- | Jan 15 '15 | Mar 15 '16 | ----- | Nov 09 '17 | Installation of first elevator is planned to occur August 2014 at Waipahu Station. Last elevator to be installed July 2017 at Ala Moana Ctr. NTP1: WOFH and KHG (9 Stations); NTP2: Airport (4 Stations); NTP3 CC (8-Stations) |
| | | Act | Sep 15 '12 | Oct 30 '12 | Dec 15 '12 | Jan 15 '13 | Mar 15 '13 | Jun 15 '13 | Jul 15 '13 | ----- | ----- | ----- | Jan 15 '15 | Mar 15 '16 | ----- | Nov 09 '17 | |
| | | BL | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |

[Successful Contractor]

* Schedule Reference:

CF = Current Forecast
 ACT = ACTUAL Completed, Achieved this Month
 B/L = Baseline Master Project Schedule
 [Note: B/L reflects the re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]
 Var = Variance of (Baseline Master Project Schedule) Less (Current Forecast)
 +Ahead/(Behind)-0- versus the B/L Master Project Schedule

Notes:

WOFH: NTP4A: Construction w/o Casting Yard 02/06/2012
 KHG: NTP3A: Construction 02/07/2012

Figure 15. Procurement Tracking Report: Design-Bid-Build (DBB) Contracts

| Procurement Tracking Report Design-Bid-Build (DBB) Contracts | | | | | | | | |
|---|---|-------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|
| Contract # | Contract Name | Sched Ref ² | Advertise for Bids | Bid Opening | Execute Contract | Issue NTP | Contract Completion | Comments |
| Design-Bid-Build Contracts | | | | | | | | |
| DBB-170 | West Oahu Station Group Construction | CF Act B/L Var | Jun 15 '13 Jun 15 '13 -0- | Jul 30 '13 Jul 30 '13 -0- | Sep 13 '13 Sep 13 '13 -0- | Sep 27 '13 Sep 27 '13 -0- | Oct 15 '15 Oct 15 '15 -0- | Substantial Completion: Ho'opili Station May 15 '15 UH West Oahu Station Jul 15 '15 E. Kapolei Station Sep 15 '15 |
| DBB-270 | Farrington Highway Station Group Construction | CF Act B/L Var | Feb 15 '13 Feb 15 '13 -0- | Mar 30 '13 Mar 30 '13 -0- | Apr 15 '13 Apr 15 '13 -0- | May 01 '13 May 01 '13 -0- | Jun 15 '15 Jun 15 '15 -0- | Substantial Completion: Leeward Comm College Sta Jan 15 '15 Waipahu Transit Sta Mar 15 '15 W. Loch Station May 15 '15 |
| DBB-275 | Pearl Highlands Parking Structure/ Bus Transit Center Construction (Includes H2/R1 Ramp) | CF Act B/L Var | Oct 10 '15 Oct 10 '15 -0- | Dec 30 '15 Dec 30 '15 -0- | Feb 10 '16 Feb 10 '16 -0- | Feb 28 '16 Feb 28 '16 -0- | May 01 '18 May 01 '18 -0- | Substantial Completion: Mar 15 '18 |
| DBB-370 | Kamehameha Highway Station Group Construction (Includes H2/R2 Ramp) | CF Act B/L Var | Jul 15 '13 Jul 15 '13 -0- | Aug 29 '13 Aug 29 '13 -0- | Oct 13 '13 Oct 13 '13 -0- | Oct 27 '13 Oct 27 '13 -0- | Dec 01 '15 Dec 01 '15 -0- | Substantial Completion: Pearl Highlands Station Jun 15 '15 Aloha Stadium Station Aug 15 '15 Pearlridge Station Oct 15 '15 |
| DBB-470 | Airport Station Group Construction | CF Act B/L Var | Sep 01 '14 Sep 01 '14 -0- | Nov 15 '14 Nov 15 '14 -0- | Dec 01 '14 Dec 01 '14 -0- | Dec 10 '14 Dec 10 '14 -0- | Mar 01 '17 Mar 01 '17 -0- | Substantial Completion: Pearl Harbor Station Aug 15 '16 Airport Station Oct 15 '16 Lagoon Dr Station Dec 15 '16 Middle Street Station Jan 15 '17 |
| DBB-460 | Airport Section Guideway and Utilities Construction | CF Act B/L Var | Oct 15 '13 Oct 15 '13 -0- | Dec 30 '13 Dec 30 '13 -0- | Feb 15 '14 Feb 15 '14 -0- | Mar 01 '14 Mar 01 '14 -0- | Dec 30 '16 Dec 30 '16 -0- | Re-Packaged: DBB-505 and DBB-520 |
| DBB-560 | City Center Section Guideway and Utilities Construction | CF Act B/L Var | Dec 10 '14 Dec 10 '14 -0- | Feb 28 '15 Feb 28 '15 -0- | Mar 15 '15 Mar 15 '15 -0- | Apr 01 '15 Apr 01 '15 -0- | Mar 01 '18 Mar 01 '18 -0- | Re-Packaged: DBB-510 and DBB-520 |

[Successful Contractor]

* Schedule Reference:

CF = Current Forecast

ACT = ACTUAL Completed Achieved this Month

B/L = Baseline Master Project Schedule

[Note: B/L reflects the re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]

Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)

+Ahead/(Behind)-0- versus the B/L Master Project Schedule

Figure 16. Procurement Tracking Report: Design-Bid-Build (DBB) Contracts (*continued*)

| Procurement Tracking Report Design-Bid-Build (DBB) Contracts (<i>Continued</i>) | | | | | | | | |
|--|---|-------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|
| Contract # | Contract Name | Sched Ref ² | Advertise for Bids | Bid Opening | Execute Contract | Issue NTP | Contract Completion | Comments |
| DBB-505 (Re-Packaged) | Airport Section Utilities Construction | CF Act B/L Var | Mar 15 '13 Mar 15 '13 -0- | Jun 01 '13 Jun 01 '13 -0- | Jul 15 '14 Jul 15 '14 -0- | Aug 01 '13 Aug 01 '13 -0- | Dec 15 '14 Dec 15 '14 -0- | |
| DBB-510 (Re-Packaged) | City Center Section Utilities Construction | CF Act B/L Var | Oct 20 '13 Oct 20 '13 -0- | Jan 05 '14 Jan 05 '14 -0- | Mar 15 '14 Mar 15 '14 -0- | Apr 01 '14 Apr 01 '14 -0- | Sep 15 '15 Sep 15 '15 -0- | |
| DBB-520 (Re-Packaged) | Airport & City Center Section Guideway Construction | CF Act B/L Var | Mar 15 '14 Mar 15 '14 -0- | Jun 01 '14 Jun 01 '14 -0- | Jul 15 '14 Jul 15 '14 -0- | Aug 01 '14 Aug 01 '14 -0- | Jul 01 '18 Jul 01 '18 -0- | |
| DBB-570 | Dillingham Station Group Construction | CF Act B/L Var | Mar 01 '15 Mar 01 '15 -0- | May 25 '15 May 25 '15 -0- | Aug 18 '15 Aug 18 '15 -0- | Sep 01 '15 Sep 01 '15 -0- | Jul 01 '18 Jul 01 '18 -0- | Substantial Completion: Kalihi Station Nov 15 '17 Kapalama Station Jan 15 '18 Iwilei Station Mar 15 '18 Chinatown Station May 15 '18 |
| DBB-575 | Kaka'ako Station Group Construction | CF Act B/L Var | Jul 01 '15 Jul 01 '15 -0- | Sep 24 '15 Sep 24 '15 -0- | Dec 18 '15 Dec 18 '15 -0- | Jan 01 '16 Jan 01 '16 -0- | Aug 15 '18 Aug 15 '18 -0- | Substantial Completion: Downtown Station Dec 30 '17 Civic Center Station Feb 28 '18 Kaka'ako Station Apr 30 '18 Ala Moana Station Jun 30 '18 |
| DBB-600 | UH West Oahu Park-and-Ride and Ho'opili Station Finishes Construction | CF Act B/L Var | Sep 02 '16 Sep 02 '16 -0- | Nov 26 '16 Nov 26 '16 -0- | Feb 19 '17 Feb 19 '17 -0- | Mar 05 '17 Mar 05 '17 -0- | Aug 15 '18 Aug 15 '18 -0- | Substantial Completion: Jul 01 '18 |

[Successful Contractor]

* Schedule Reference:

CF = Current Forecast

ACT = ACTUAL Completed Achieved this Month

B/L = Baseline Master Project Schedule

[Note: B/L reflects the re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]

Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)

+Ahead/(Behind)/-0- versus the B/L Master Project Schedule

Figure 17. Procurement Tracking Report: Final Design (FD) Contracts

| Procurement Tracking Report | | | | | | | | | | | | |
|--------------------------------|--|-------------------------|--|--|--|--|---|---|---|--|--|---|
| Final Design Contracts | | | | | | | | | | | | |
| Contract # | Contract Name | Sched Ref ^a | Issue RFQ | SOQs Submitted | Select BQO/ Advise BFS | Receive SOW | Receive Price Proposal | Finalize Contract | Issue NTP | Bid Ready | Contract Completion | Comments |
| Final Design Agreements | | | | | | | | | | | | |
| FD-140 | West Oahu Station Group Final Design | CF Act B/L Var | Jan 14 '10 Jan 14 '10 -0- -0- | -0- -0- -0- -0- | -0- -0- -0- -0- | -0- -0- -0- -0- | Feb 08 '12 Feb 08 '12 Feb 11 '11 (362) | May 21 '12 May 21 '12 -0- -0- | May 29 '12 May 29 '12 -0- -0- | Aug 01 '13 Aug 01 '13 -0- -0- | Nov 14 '15 Nov 14 '15 -0- -0- | NTP 1a: 05/29/2012 - SoM, Workshop, Design Schedule (A) NTP 1b: 07/05/2012 - PE Design (CF) NTP 2: 11/02/2012 - Interim Design (CF) NTP 3: 04/01/2013 - Final Design (CF) |
| FD-240 | Farrington Highway Station Final Design [HDR Engineering, Inc.] | CF Act B/L Var | Oct 02 '09 Oct 02 '09 -0- -0- | Nov 19 '09 Nov 19 '09 -0- -0- | -0- -0- -0- -0- | -0- -0- -0- -0- | Feb 15 '10 Feb 15 '10 Feb 15 '10 -0- | Apr 15 '10 Apr 15 '10 Apr 15 '10 -0- | Jan 14 '11 Jan 14 '11 Jan 14 '11 -0- | Jan 15 '13 Jan 15 '13 -0- -0- | Jul 15 '15 Jul 15 '15 -0- -0- | NTP 1b: 03/15/2011 - PE Design (A) NTP 2: 05/16/2011 - Interim Design (A) NTP 3: 11/23/2011 - Final Design (A) |
| FD-245 | Pearl Highlands Parking Structure/ Bus Transit Center Final Design (includes H2/R1 Ramp) | CF Act B/L Var | Jun 30 '13 Jun 30 '13 -0- -0- | Aug 14 '13 Aug 14 '13 -0- -0- | Sep 28 '13 Sep 28 '13 -0- -0- | Nov 04 '13 Nov 04 '13 -0- -0- | Dec 04 '13 Dec 04 '13 -0- -0- | Feb 02 '14 Feb 02 '14 -0- -0- | Feb 16 '14 Feb 16 '14 -0- -0- | Oct 01 '15 Oct 01 '15 -0- -0- | May 31 '18 May 31 '18 -0- -0- | |
| FD-340 | Kamehameha Highway Station Group Final Design (includes H2/R2 Ramp) | CF Act B/L Var | Jun 28 '11 Jun 28 '11 -0- -0- | Aug 04 '11 Aug 04 '11 -0- -0- | Sep 28 '11 Sep 28 '11 -0- -0- | Oct 19 '11 Oct 19 '11 -0- -0- | Mar 02 '12 Mar 02 '12 Feb 28 '12 (3) | May 31 '12 May 31 '12 -0- -0- | Jun 08 '12 Jun 08 '12 -0- -0- | Oct 12 '13 Oct 12 '13 -0- -0- | Dec 31 '15 Dec 31 '15 -0- -0- | NTP 1a: 06/12/2012 - SoM, Workshop, Design Schedule (CF) NTP 1b: 09/10/2012 - PE Design (CF) NTP 2: 01/13/2013 - Interim Design (CF) NTP 3: 06/12/2013 - Final Design (CF) |
| FD-430 | Airport Section Guideway and Utilities Final Design [AECOM Tech Svcs, Inc.] | CF Act B/L Var | Jan 26 '11 Jan 26 '11 -0- -0- | Mar 14 '11 Mar 14 '11 -0- -0- | Apr 09 '11 Apr 09 '11 -0- -0- | Jun 09 '11 Jun 09 '11 -0- -0- | Sep 20 '11 Sep 20 '11 Sep 20 '11 -0- | Dec 22 '11 Jul 31 '11 (144) | Jan 05 '12 Aug 01 '11 (157) | Jun 28 '13 Jun 28 '13 -0- -0- | Jan 14 '15 Jan 14 '15 -0- -0- | NTP 1a: 01/05/2012 - SoM, Workshop, Design Schedule (A) NTP 1b: 02/22/2012 - Updating the PE (A) NTP 2: 07/26/2012 - Interim Design (CF) NTP 3: 02/21/2013 - Final Design (CF) |
| FD-440 | Airport Station Group Final Design | CF Act B/L Var | Mar 30 '12 Mar 30 '12 Mar 07 '12 (23) | May 10 '12 May 10 '12 -0- -0- | Jun 21 '12 Jun 21 '12 -0- -0- | Jul 21 '12 Jul 21 '12 -0- -0- | Aug 23 '12 Aug 23 '12 -0- -0- | Oct 12 '12 Oct 12 '12 -0- -0- | Oct 26 '12 Oct 26 '12 -0- -0- | Mar 15 '14 Mar 15 '14 -0- -0- | Mar 31 '17 Mar 31 '17 -0- -0- | |
| FD-530 | City Center Section Guideway and Utilities Final Design | CF Act B/L Var | Dec 16 '11 Dec 16 '11 -0- -0- | Feb 09 '12 Feb 09 '12 -0- -0- | Apr 05 '12 Apr 05 '12 -0- -0- | May 14 '12 May 14 '12 -0- -0- | Jun 05 '12 Jun 05 '12 -0- -0- | Jul 18 '12 Jul 18 '12 -0- -0- | Aug 01 '12 Aug 01 '12 -0- -0- | May 15 '14 May 15 '14 -0- -0- | Oct 15 '15 Oct 15 '15 -0- -0- | |
| FD-540 | Dillingham Station Group Final Design | CF Act B/L Var | Sep 03 '12 Sep 03 '12 -0- -0- | Nov 07 '12 Nov 07 '12 -0- -0- | Jan 11 '13 Jan 11 '13 -0- -0- | Feb 17 '13 Feb 17 '13 -0- -0- | Mar 19 '13 Mar 19 '13 -0- -0- | May 18 '13 May 18 '13 -0- -0- | Jun 01 '13 Jun 01 '13 -0- -0- | Nov 23 '14 Nov 23 '14 -0- -0- | Jul 31 '18 Jul 31 '18 -0- -0- | |
| FD-545 | Kaka'ako Station Group Final Design | CF Act B/L Var | Dec 15 '12 Dec 15 '12 -0- -0- | Feb 18 '13 Feb 18 '13 -0- -0- | Apr 24 '13 Apr 24 '13 -0- -0- | May 31 '13 May 31 '13 -0- -0- | Jun 30 '13 Jun 30 '13 -0- -0- | Aug 29 '13 Aug 29 '13 -0- -0- | Sep 12 '13 Sep 12 '13 -0- -0- | Mar 06 '15 Mar 06 '15 -0- -0- | Sep 14 '18 Sep 14 '18 -0- -0- | |
| FD-600 | UH West Oahu Park-and-Ride and Ho'opili Station Finishes Final Design | CF Act B/L Var | Sep 10 '14 Sep 10 '14 -0- -0- | Dec 08 '14 Dec 08 '14 -0- -0- | Jan 14 '15 Jan 14 '15 -0- -0- | Feb 13 '15 Feb 13 '15 -0- -0- | Apr 14 '15 Apr 14 '15 -0- -0- | Apr 27 '15 Apr 27 '15 -0- -0- | May 12 '15 May 12 '15 -0- -0- | Jul 04 '16 Jul 04 '16 -0- -0- | Sep 14 '18 Sep 14 '18 -0- -0- | |

[Successful Contractor]

^a Schedule Reference:

CF = Current Forecast

ACT = ACTUAL Completed Achieved this Month

B/L = Baseline Master Project Schedule

[Note: B/L reflects the re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]

Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)

+Ahead/(Behind)-0- versus the B/L Master Project Schedule

Notes:

- 1) All Final Design Consultants are responsible for providing Design Support Services during Bidding and during Construction in accordance with their contracts. Schedule Basis: Contract Completion one (1) month after Construction Contract Completion.
- 2) NTP Dates in the Comments column are either **Actual (A)** or the Current Forecast (CF).

Figure 18. Construction Engineering and Inspection Services (CE&I) Contracts

| Procurement Tracking Report | | | | | | | | | | | | |
|---|---|------------|---------------|----------------|------------------------|-------------|------------------------|-------------------|------------|------------------------|---------------------|---|
| Construction Engineering and Inspection (CE&I) Services Contracts | | | | | | | | | | | | |
| Contract # | Contract Name | Sched Ref* | Advertise RFQ | SOOs Submitted | Select BQO/ Advise BFS | Receive SOW | Receive Price Proposal | Finalize Contract | Issue NTP | Bid Ready Dates (Ref.) | Contract Completion | Comments |
| Construction Engineering & Inspection Agreements | | | | | | | | | | | | |
| MM-180 | West Oahu and Farrington Highway Station Groups CE&I Services | CF | May 08 '12 | Jun 22 '12 | Jul 26 '12 | Aug 31 '12 | Sep 28 '12 | Nov 27 '12 | Dec 12 '12 | Jan 15 '13 | Nov 14 '15 | Bid Ready Date reflects Farrington Hwy construction pkg. Contract completion reflects completion of West Oahu construction completion. Current Forecast tied to schedule slippage of Farrington Bid Ready date. |
| | | Act | May 08 '12 | Jun 22 '12 | Jul 26 '12 | Aug 31 '12 | Sep 28 '12 | Nov 27 '12 | Dec 12 '12 | Jan 15 '13 | Nov 14 '15 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |
| MM-380 | Kamehameha Highway Station Group CE&I Services (includes H2/R2 Ramp) | CF | Jan 24 '13 | Mar 10 '13 | Apr 24 '13 | May 31 '13 | Jun 30 '13 | Aug 29 '13 | Sep 12 '13 | Oct 12 '13 | Dec 31 '15 | |
| | | Act | Jan 24 '13 | Mar 10 '13 | Apr 24 '13 | May 31 '13 | Jun 30 '13 | Aug 29 '13 | Sep 12 '13 | Oct 12 '13 | Dec 31 '15 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |
| MM-385 | Pearl Highlands Parking Structure/ Bus Transit Center CE&I Services (includes H2/R1 Ramp) | CF | Jan 13 '15 | Feb 27 '15 | Apr 13 '15 | May 20 '15 | Jun 19 '15 | Aug 18 '15 | Sep 01 '15 | Oct 01 '15 | May 31 '18 | |
| | | Act | Jan 13 '15 | Feb 27 '15 | Apr 13 '15 | May 20 '15 | Jun 19 '15 | Aug 18 '15 | Sep 01 '15 | Oct 01 '15 | May 31 '18 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |
| MM-500 | Airport & City Center Section Utilities CE&I Services | CF | Oct 10 '12 | Nov 24 '12 | Jan 08 '13 | Feb 14 '13 | Mar 16 '13 | May 15 '13 | May 29 '13 | Jun 28 '13 | Oct 15 '15 | |
| | | Act | Oct 10 '12 | Nov 24 '12 | Jan 08 '13 | Feb 14 '13 | Mar 16 '13 | May 15 '13 | May 29 '13 | Jun 28 '13 | Oct 15 '15 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |
| MM-485 | Airport Station Group CE&I Services | CF | Jun 27 '13 | Aug 11 '13 | Sep 25 '13 | Nov 01 '13 | Dec 01 '13 | Jan 30 '14 | Feb 13 '14 | Mar 15 '14 | Mar 31 '17 | |
| | | Act | Jun 27 '13 | Aug 11 '13 | Sep 25 '13 | Nov 01 '13 | Dec 01 '13 | Jan 30 '14 | Feb 13 '14 | Mar 15 '14 | Mar 31 '17 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |
| MM-525 | Airport & City Center Section Guideway CE&I Services | CF | Aug 27 '13 | Oct 11 '13 | Nov 25 '13 | Jan 01 '14 | Jan 31 '14 | Apr 01 '14 | Apr 15 '14 | May 15 '14 | Jul 31 '18 | |
| | | Act | Aug 27 '13 | Oct 11 '13 | Nov 25 '13 | Jan 01 '14 | Jan 31 '14 | Apr 01 '14 | Apr 15 '14 | May 15 '14 | Jul 31 '18 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |
| MM-585 | Dillingham and Kaka'ako Station Groups CE&I Services | CF | Mar 07 '14 | Apr 21 '14 | Jun 05 '14 | Jul 12 '14 | Aug 11 '14 | Oct 10 '14 | Oct 24 '14 | Nov 23 '14 | Sep 14 '18 | Bid Ready Date reflects Dillingham construction pkg. Contract completion reflects completion of Kaka'ako construction completion. |
| | | Act | Mar 07 '14 | Apr 21 '14 | Jun 05 '14 | Jul 12 '14 | Aug 11 '14 | Oct 10 '14 | Oct 24 '14 | Nov 23 '14 | Sep 14 '18 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |
| MM-600 | UH West Oahu Park-and-Ride and Ho'opili Station Finishes CE&I Services | CF | Oct 17 '15 | Dec 01 '15 | Jan 15 '16 | Feb 21 '16 | Mar 22 '16 | May 21 '16 | Jun 04 '16 | Jul 04 '16 | Apr 14 '18 | |
| | | Act | Oct 17 '15 | Dec 01 '15 | Jan 15 '16 | Feb 21 '16 | Mar 22 '16 | May 21 '16 | Jun 04 '16 | Jul 04 '16 | Apr 14 '18 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |

[Successful Contractor]

* Schedule Reference:

CF = Current Forecast

ACT = ACTUAL Completed Achieved this Month

B/L = Baseline Master Project Schedule

[Note: B/L reflects the re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]

Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)

+Ahead(Behind)-0- versus the B/L Master Project Schedule

Schedule Basis: NTP to CE&I Contracts one (1) month prior to Bid Ready Date for constructibility review; Contract completion one (1) month after Construction Contract Completion.

Figure 19. Project Management and Specialty Consultant Services Contracts

| Procurement Tracking Report | | | | | | | | | | | |
|--|---|------------|------------|----------------|------------------------|-------------|------------------------|-------------------|------------|---------------------|----------|
| Project Management and Specialty Consultant Services Contracts | | | | | | | | | | | |
| Contract # | Contract Name | Sched Ref* | Issue RFQ | SQOs Submitted | Select BQO/ Advise BFS | Receive SOW | Receive Price Proposal | Finalize Contract | Issue NTP | Contract Completion | Comments |
| MM-900 | Program Management Support Consultant - 1 (PMSC-1) [IntraConsult LLC] | CF | Jul 15 '09 | Sep 01 '09 | | | | | Nov 19 '09 | Feb 28 '12 | |
| | | Act | Jul 15 '09 | Sep 01 '09 | | | | | Nov 19 '09 | Feb 28 '12 | |
| | | BL | Jul 15 '09 | Sep 01 '09 | | | | | Nov 19 '09 | Feb 28 '12 | |
| | | Var | -0- | -0- | | -0- | -0- | -0- | -0- | -0- | |
| MM-901 | Program Management Support Consultant - 2 (PMSC-2) [IntraConsult LLC] | CF | Aug 03 '11 | Sep 02 '09 | | | | Feb 28 '12 | Mar 08 '12 | Feb 28 '15 | |
| | | Act | Aug 03 '11 | Sep 02 '09 | | | | Feb 28 '12 | Mar 08 '12 | Feb 28 '15 | |
| | | BL | Aug 03 '11 | Sep 02 '09 | | | | Feb 23 '12 | Feb 23 '12 | Feb 28 '15 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | (5) | (14) | -0- | |
| MM-905 | General Engineering Consultant - 1 (GEC-1) (EIS/Preliminary Engrg) [Parsons Brinckerhoff] | CF | Jun 01 '07 | Aug 24 '07 | | | | | Oct 25 '09 | Mar 25 '12 | |
| | | Act | Jun 01 '07 | Aug 24 '07 | | | | | Oct 25 '09 | Mar 25 '12 | |
| | | BL | Jun 01 '07 | Aug 24 '07 | | | | | Oct 25 '09 | Mar 25 '12 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |
| MM-910 | General Engineering Consultant - 2 (GEC-2) (Final Design and Construction) [Parsons Brinckerhoff] | CF | Sep 03 '09 | Nov 15 '09 | | | | Jun 30 '11 | Aug 02 '11 | Aug 01 '14 | |
| | | Act | Sep 03 '09 | Nov 15 '09 | | | | Jun 30 '11 | Aug 02 '11 | Aug 01 '14 | |
| | | BL | Sep 03 '09 | Nov 15 '09 | | | | Jun 30 '11 | Aug 02 '11 | Aug 01 '14 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |
| MM-935 | Real Estate Consultant [Paragon Partners Ltd.] | CF | Apr 01 '11 | | | | Sep 08 '11 | Mar 14 '12 | Mar 14 '12 | Mar 13 '17 | |
| | | Act | Apr 01 '11 | | | | Sep 08 '11 | Mar 14 '12 | Mar 14 '12 | Mar 13 '17 | |
| | | BL | Apr 01 '11 | | | | Sep 08 '11 | Mar 15 '12 | Mar 15 '12 | Mar 13 '17 | |
| | | Var | -0- | | | | -0- | +1 | +1 | -0- | |
| MM-940 | Kako'o Consultant [Pacific Legacy] | CF | May 20 '11 | Jun 20 '11 | | | Sep 09 '11 | Mar 29 '12 | Mar 29 '12 | Feb 14 '17 | |
| | | Act | May 20 '11 | Jun 20 '11 | | | Sep 09 '11 | Mar 29 '12 | Mar 30 '12 | Feb 14 '17 | |
| | | BL | May 20 '11 | | | | Sep 09 '11 | Mar 15 '12 | Mar 15 '12 | Feb 14 '17 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | (14) | (14) | -0- | |
| MM-950 | Owner Controlled Insurance Program (OCIP) Consultant | CF | Jan 31 '12 | | | | Mar 01 '12 | May 18 '12 | Apr 28 '12 | Dec 01 '19 | |
| | | Act | Jan 31 '12 | | | | Mar 01 '12 | | Apr 28 '12 | Dec 01 '19 | |
| | | BL | Jan 31 '12 | | | | Mar 01 '12 | May 18 '12 | Apr 28 '12 | Dec 01 '19 | |
| | | Var | -0- | -0- | -0- | -0- | -0- | -0- | -0- | -0- | |
| MM-975 | LEED Commissioning Services for Maintenance and Storage Facility (MSF) | CF | | | | | | | Oct 07 '10 | Jan 14 '16 | |
| | | Act | | | | | | | Oct 07 '10 | Jan 14 '16 | |
| | | BL | | | | | | | Oct 07 '10 | Jan 14 '16 | |
| | | Var | | | | | | | -0- | -0- | |

[\[Successful Contractor\]](#)

* Schedule Reference:

CF = Current Forecast

ACT = ACTUAL  

BL = Baseline Master Project Schedule

[Note: BL reflects the re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]

Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)

+Ahead/(Behind)/-0- versus the BL Master Project Schedule

Figure 20. HDOT Consultant Services and Other Contracts

| Procurement Tracking Report Hawaii Department of Transportation (HDOT) Consultant Services Contracts and Other Contracts | | | | | | | | | | | |
|---|--|-------------------------|---|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---|
| Contract # | Contract Name | Sched Ref* | Issue RFQ | SQOs Submitted | Select BQO/ Advise BFS | Receive SOW | Receive Price Proposal | Finalize Contract | Issue NTP | Contract Completion | Comments |
| HDOT Agreements | | | | | | | | | | | |
| MM-915 | HDOT Traffic Management Coordination Consultant | CF Act B/L Var | Aug 15 '11 Aug 15 '11 Mar 04 '11 (164) | -0- | -0- | -0- | -0- | Apr 03 '12 Apr 03 '12 -0- | Apr 03 '12 Apr 03 '12 -0- | Feb 15 '19 Feb 15 '19 -0- | Scope of services is for the entire alignment. |
| MM-920 | HDOT Design Coordination Consultant - West Oahu Section [AECOM Tech Svcs, Inc.] | CF Act B/L Var | | | | | | Jun 07 '11 Jun 07 '11 -0- | Jun 08 '11 Jun 08 '11 -0- | Nov 14 '15 Nov 14 '15 -0- | |
| MM-921 | HDOT Design Coordination Consultant - Kamehameha Highway Section | CF Act B/L Var | | | | | | Apr 01 '12 Apr 01 '12 -0- | Apr 01 '12 Apr 01 '12 -0- | Jul 15 '15 Jul 15 '15 -0- | |
| MM-922 | HDOT Design Coordination Consultant - Airport Section | CF Act B/L Var | Jun 13 '13 Jun 13 '13 -0- | Jul 28 '13 Jul 28 '13 -0- | Sep 11 '13 Sep 11 '13 -0- | Oct 18 '13 Oct 18 '13 -0- | Nov 17 '13 Nov 17 '13 -0- | Jan 16 '14 Jan 16 '14 -0- | Jan 30 '14 Jan 30 '14 -0- | Jan 14 '15 Jan 14 '15 -0- | |
| MM-923 | HDOT Design Coordination Consultant - City Center Section | CF Act B/L Var | Jul 14 '14 Jul 14 '14 -0- | Aug 28 '14 Aug 28 '14 -0- | Oct 12 '14 Oct 12 '14 -0- | Nov 18 '14 Nov 18 '14 -0- | Dec 18 '14 Dec 18 '14 -0- | Feb 16 '15 Feb 16 '15 -0- | Mar 02 '15 Mar 02 '15 -0- | Oct 15 '15 Oct 15 '15 -0- | |
| Other Agreements | | | | | | | | | | | |
| MM-945 | On-Call Construction Contractor | CF Act B/L Var | Mar 15 '13 Mar 15 '13 -0- | Apr 14 '13 Apr 14 '13 -0- | Apr 29 '13 Apr 29 '13 -0- | May 29 '13 May 29 '13 -0- | Jun 28 '13 Jun 28 '13 -0- | Jul 28 '13 Jul 28 '13 -0- | Aug 27 '13 Aug 27 '13 -0- | Mar 03 '19 Mar 03 '19 -0- | |
| MM-946 | On-Call HazMat Contractor(s) | CF Act B/L Var | | | | | | Apr 15 '12 Apr 15 '12 -0- | Apr 15 '12 Apr 15 '12 -0- | Feb 15 '17 Feb 15 '17 -0- | HART is using City HazMat on-call pre-qualified list to determine offerors. |

[Successful Contractor]

* Schedule Reference:

CF = Current Forecast

ACT = ACTUAL  

B/L = Baseline Master Project Schedule

[Note: B/L reflects the re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]

Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)

+Ahead/Behind/-0- versus the B/L Master Project Schedule

3.2 DESIGN-BUILD (DB) CONTRACTS

Contract DB-120: West Oahu/Farrington Highway Guideway (WOFH)

DB Contractor: Kiewit Infrastructure West Company (KIWC)

| | | | |
|-------------|-----------------------|-------------------------|-----------------------|
| Committed: | \$501,969,231 | Incurred: | \$129,084,259 (25.7%) |
| Authorized: | \$190,954,032 (38.0%) | Substantial Completion: | November 2014 |

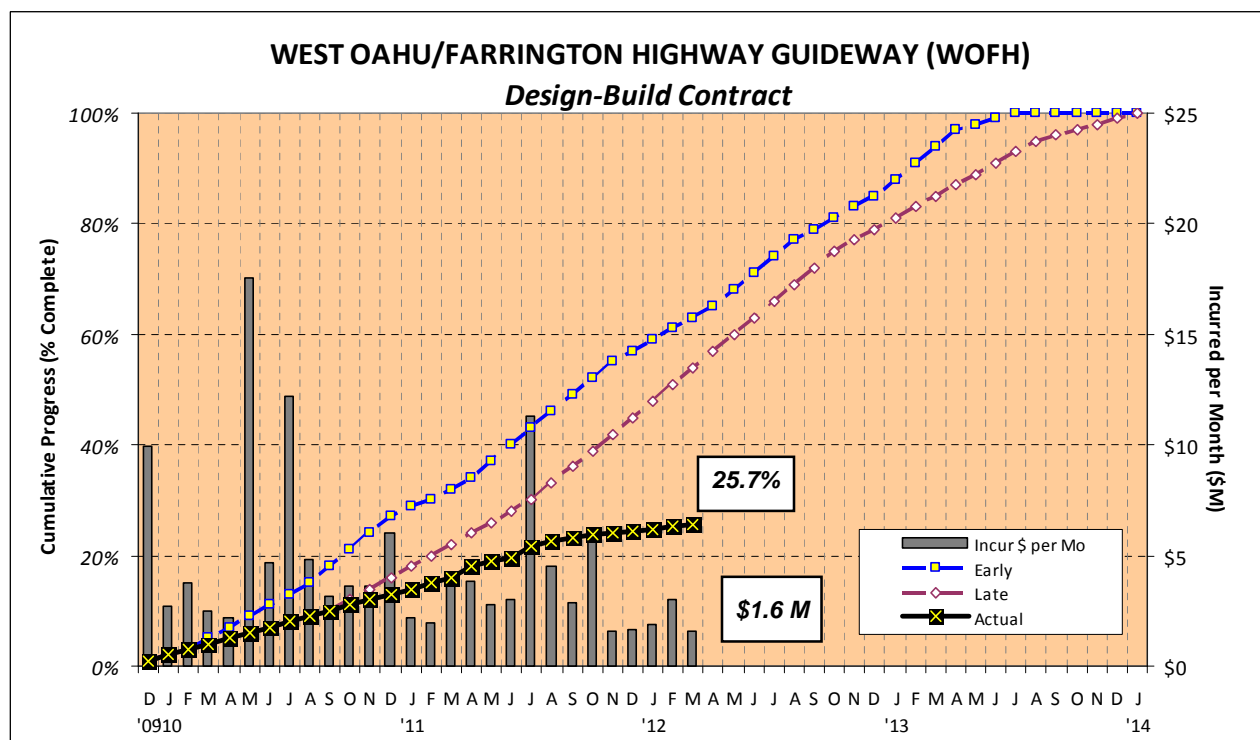
- **Activities this month**

- Overall progress is 25.7% on a weighted basis, with design approximately 94% complete.
- A total 263 contract submittals have been received, with 12 currently under review.
- Geotechnical investigations are 92% complete with 293 of a total 320 borings completed.
- Tree relocations/removals are 69% complete with 252 of 364 trees trimmed, relocated or removed for repurposing or without salvage.
- Overall utility relocation is approximately 11% complete. Utility work recommenced on April 24.
- HART has received 213 Requests for Information (RFIs) from Contractors with 3 currently under review.
- Construction for guideway column foundations started on April 23 in the West Oahu area. Concrete for the first foundation shaft was placed on April 25.

- **Look Ahead**

- Continued construction progress for guideway foundations and columns.
- FTA authorization to issue Notice to Proceed (NTP) for precast yard, pending Letter of No Prejudice 2A (LONP2A).

Figure 21. West Oahu/Farrington Highway Guideway (WOFH) Design-Build (DB) Contract



Contract DB-200: Maintenance and Storage Facility (MSF)**DB Contractor: Kiewit/Kobayashi Joint Venture (KKJV)****Committed:** \$195,258,000**Incurred:**

\$16,175,635 (8.3%)

Authorized: \$ 83,147,938 (42.6%)**Substantial Completion:**

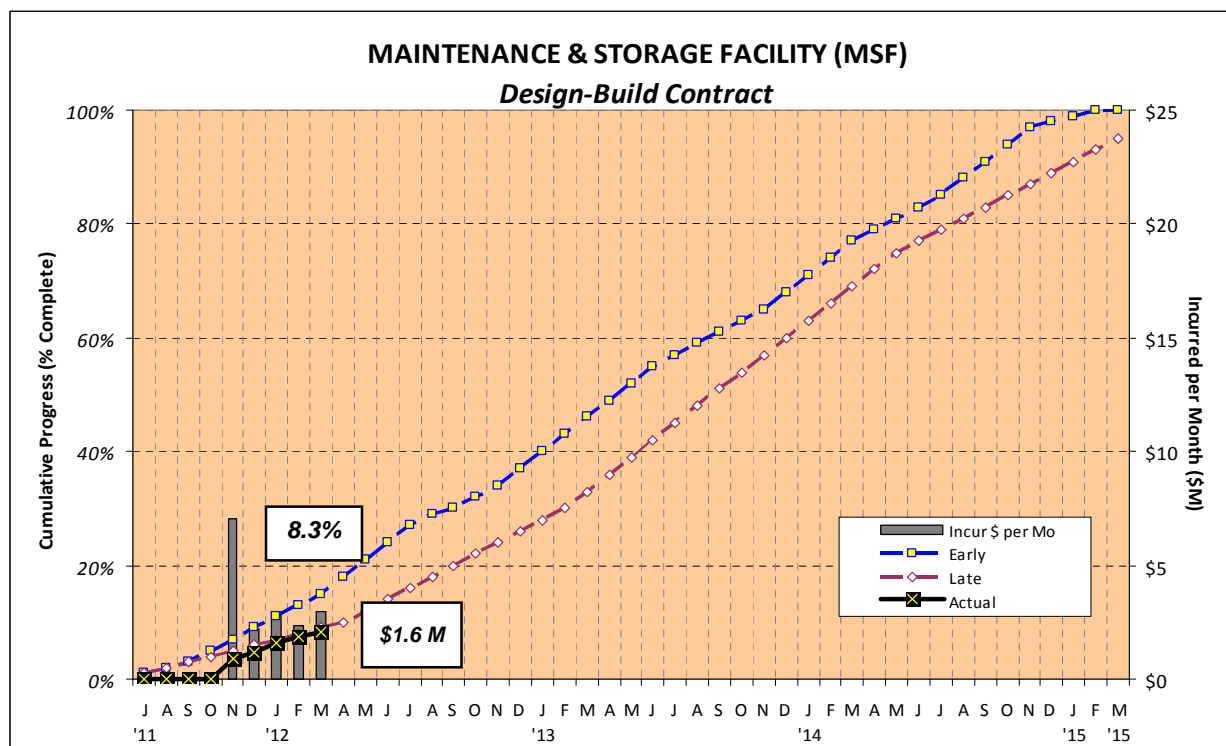
October 2014

- **Activities this month**

- Overall progress is 8.3% on a weighted basis, with design approximately 55% complete.
- A total of 42 contract submittals have been received with 4 currently under review.
- HART has received 76 RFIs from contractors with 12 currently under review.
- KKJV submitted the mass grading permit to the City Department of Planning and Permitting (DPP) for review.

- **Look Ahead**

- Mass grading permit issuance.

Figure 22. Maintenance and Storage Facility (MSF) DB Contract

Contract DB-320: Kamehameha Highway Guideway (KHG)**DB Contractor: Kiewit Infrastructure West Company (KIWC)**

| | | | |
|--------------------|-----------------------|--------------------------------|----------------------|
| <u>Committed:</u> | \$372,150,000 | <u>Incurred:</u> | \$57,310,916 (15.4%) |
| <u>Authorized:</u> | \$128,817,200 (34.6%) | <u>Substantial Completion:</u> | June 2015 |

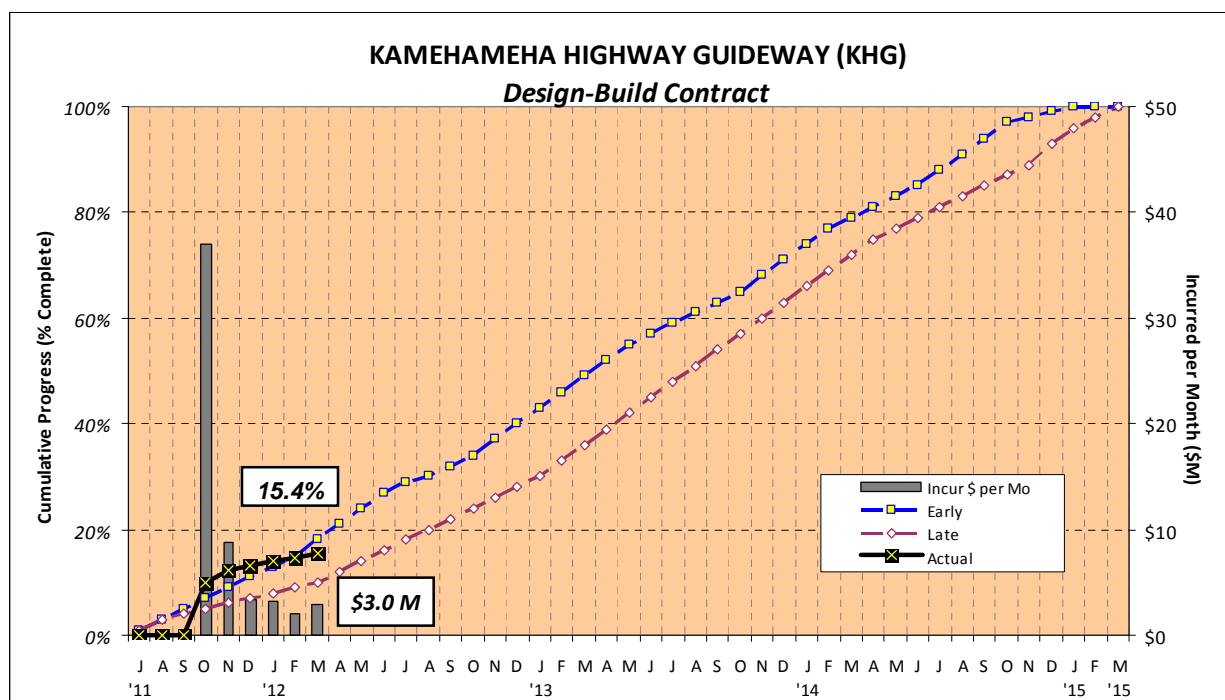
- Activities this month**

- Overall progress is 15.4% on a weighted basis, with design approximately 75% complete.
- Geotechnical investigations are 68% complete.
- A total of 127 contract submittals have been received with 14 under review.
- HART has received 63 Requests for Information (RFIs) from the contractor with 5 currently under review.

- Look Ahead**

- Commencement of foundation test shafts.
- Commencement of utility relocations.

Figure 23. Kamehameha Guideway (KHG) DB Contract



3.3 DESIGN-BUILD-OPERATE-MAINTAIN (DBOM) CONTRACT

Contract DBOM-920: Core Systems Contract (CSC)

DBOM Contractor: Ansaldo Honolulu Joint Venture (AHJV)

| | | | |
|-------------|---------------|----------------------|---------------------|
| Committed: | \$573,872,793 | Incurred: | \$12,890,690 (3.5%) |
| Authorized: | \$ 20,285,221 | Start-up Completion: | April 1, 2019 |

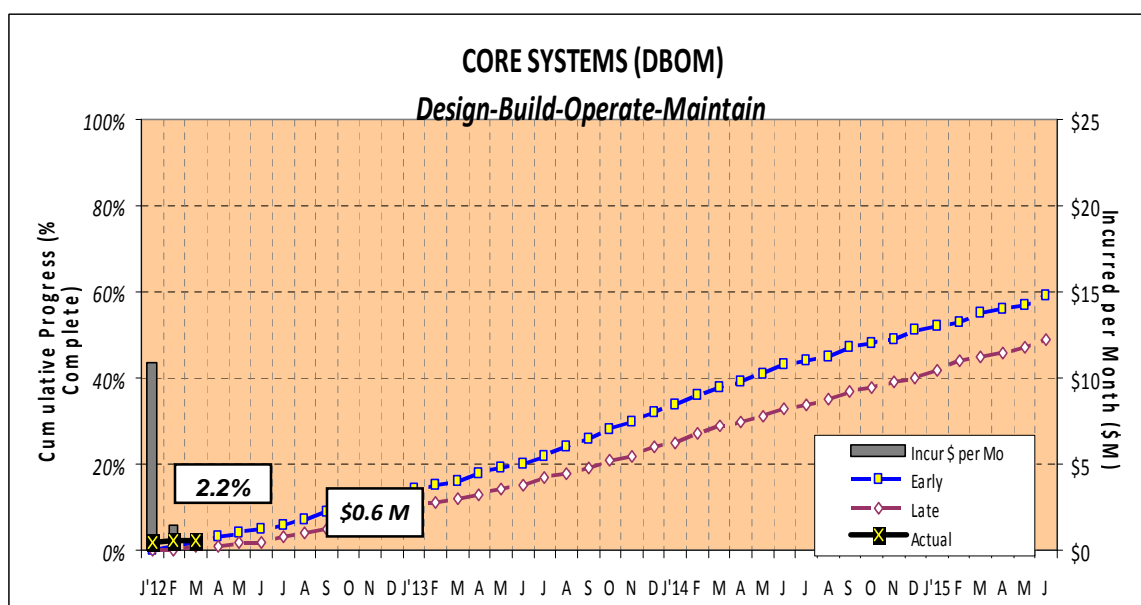
- **Activities this month**

- The AHJV local office has 13 permanent employees.
- AHJV continues to participate in Interface meetings and to issue/respond to Requests for Interface Data (RFIDs).
- HART-AHJV meetings on: vehicle design, MSF, Mainline curve alignment and schedule.
- AHJV has signed contracts with Siemens for traction power equipment and with Alcatel Lucent for communication equipment.

- **Look Ahead**

- Weekly CSC meetings on: Project Management, Technical Issues, Conceptual Design, Problem-solving and Safety and Security.
- Interface meetings with WOFH, FHSG, KHG, MSF and Airport Guideway design Contractors.
- Areas of continuing work:
 - AHJV continues to develop its contract schedule, which, once deemed acceptable by HART-GEC, will serve to generate a Schedule of Milestones.
 - MSF automatic/manual transfer area discussion.
 - MSF yard storage evaluation assessment.
 - Revised test track alignment discussion.
 - Conceptual design issues implementation to continue with final design of communication duct banks for the MSF yard.
 - HART-AHJV special workshop sessions to finalize remaining details on door spacing, vehicle under floor design and crash design verifications, including detail calculations.

Figure 24. Core Systems Design-Build-Operate-Maintain (DBOM) Contract



3.4 DESIGN-BID-BUILD (DBB) CONTRACTS

Activities this month relate to HART, General Engineering Consultant (GEC) and Final Design (FD) Consultant activities for the subject DBB construction contracts, since no DBB Construction contract has been awarded to date.

STATION DBB CONTRACTS (Awarded and In Negotiation)

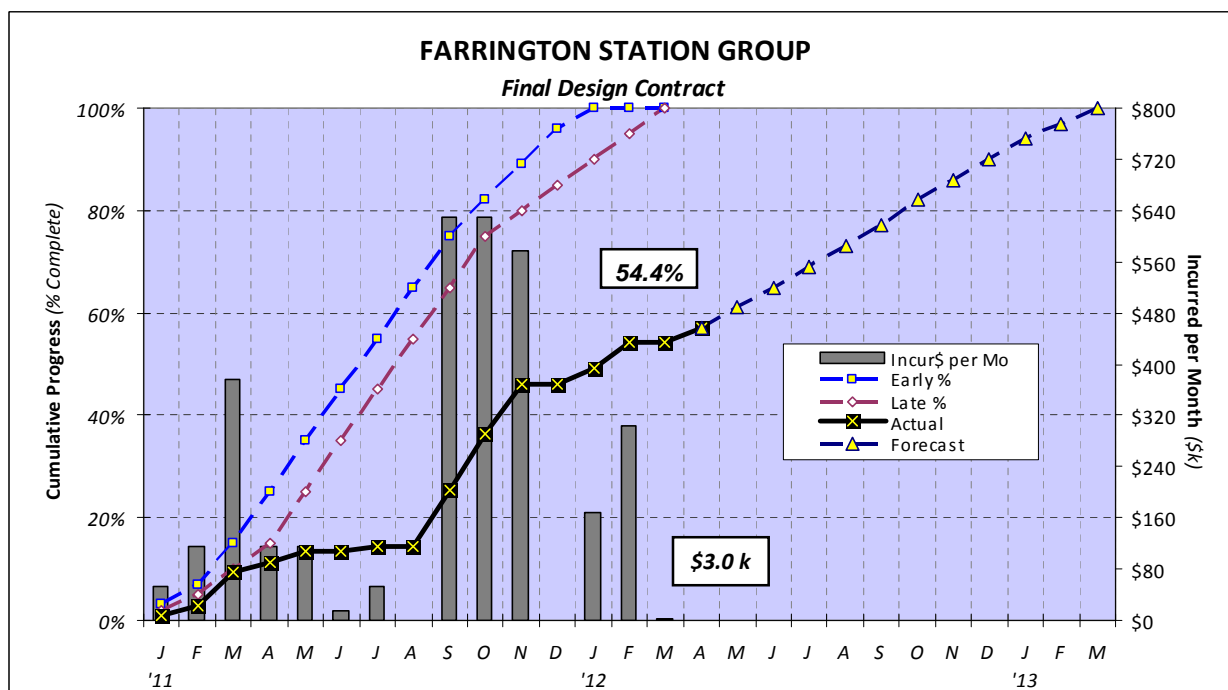
Contract DBB-270: Farrington Highway Station Group (FHSG)

Contractor FD-240: HDR Engineering, Inc., Final Design Consultant (Engineer of Record)

| | | | | |
|--------------------|---------------------|-------------------------------------|-------------------|-------|
| <u>Committed:</u> | \$5,800,696 | <u>Incurred:</u> | \$3,153,881 | 54.3% |
| <u>Authorized:</u> | \$4,488,414 (77.4%) | <u>Construction Docs Bid Ready:</u> | December 14, 2012 | |

- **Activities this month**
 - Evaluation of the 3 station designs - concept sketches and cost estimates based on these designs have been completed.
 - Notice to Proceed 2 (NTP2) for Interim Design for the West Loch, Waipahu Transit Center and Leeward Community College (LCC) stations validation of Preliminary Engineering Design updates completed.
 - 55 RFIs have been submitted to date; all have been closed.
 - 26 Requests for Change (RFCs) are in process.
- **Look Ahead**
 - Resolution of additional costs for Preliminary Engineering updates is on-going.
 - Negotiations are in progress and updates are being evaluated.

Figure 25. Farrington Highway Station Group (FHSG) Final Design (FD) Contract



Contract DBB-170: West Oahu Station Group (WOSG)**Contractor FD-140: TBD, Final Design Consultant (Engineer of Record)**Construction Docs Bid Ready: May 31, 2013

- **Activities this month**
 - Contract negotiations completed.
- **Look Ahead**
 - Execution of contract and NTP projected for May.

Contract DBB-370: Kamehameha Highway Station Group (KHSB)**Contractor FD-340: TBD, Final Design Consultant (Engineer of Record)**Construction Docs Bid Ready: June 30, 2013

- **Activities this month**
 - Station modifications were submitted; Contract negotiations continue.
- **Look Ahead**
 - Execution of contract and NTP projected for May.

Contract DBB-470: Airport Station Group (ASG)**Contractor FD-430: TBD, Final Design Consultant (Engineer of Record)**Construction Docs Bid Ready: March 15, 2014

- **Activities this month**
 - Request for Qualifications (RFQ) issued.
- **Look Ahead**
 - RFQ responses due May 10.
 - Selection of ranked Final Design Consultant in June.

GUIDEWAY AND UTILITIES DBB CONTRACTS

Contract DBB-460:* Airport Section Guideway and Utilities Construction

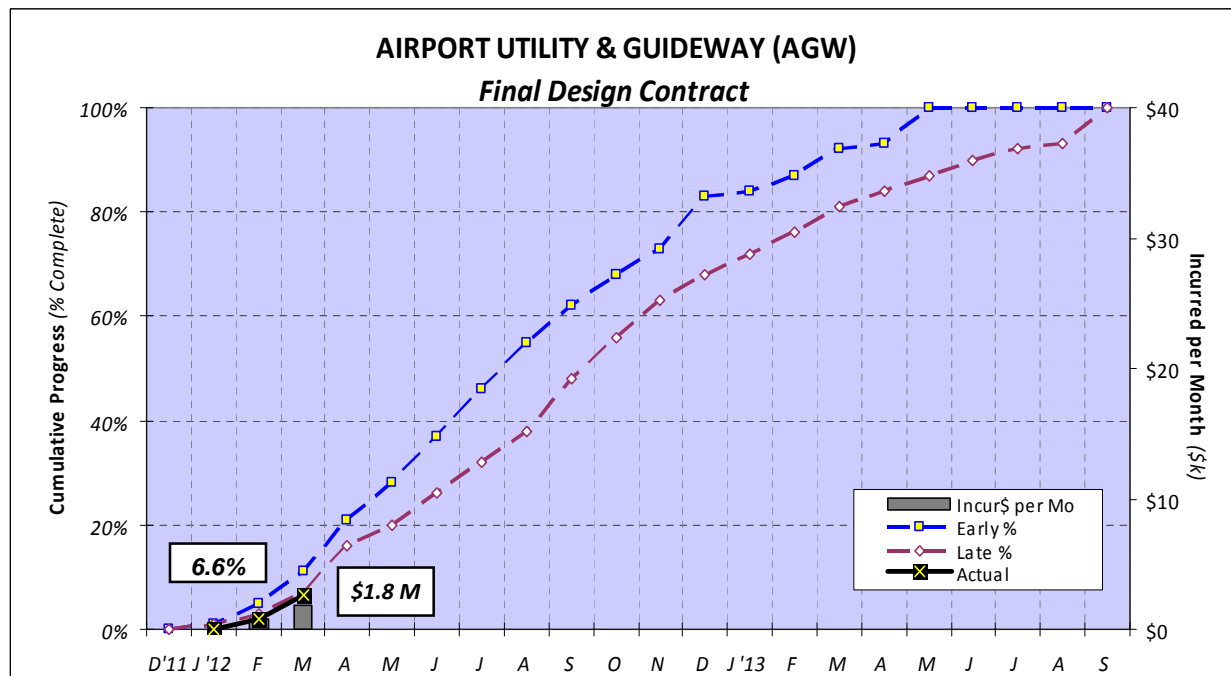
Contractor FD-430: AECOM Technical Services Inc., FD Consultant (Engineer of Record)

*The DBB-460 Airport Section Guideway and Utilities Construction contract has been re-packaged.
(Details next page.)

| | | | | |
|--------------------|---------------|------------------|--------------------------------|-------------------|
| <u>Committed:</u> | \$ 38,840,960 | <u>Incurred:</u> | \$2,575,113 | 6.6% |
| <u>Authorized:</u> | \$14,018,093 | (36.1%) | <u>Substantial completion:</u> | November 15, 2016 |

- **Activities this month**
 - NTP1b was issued on February 22 and the PE update is ongoing.
 - A Final Design Schedule has been submitted and reviewed.
 - April 5 presentation of proposed alignment to HDOT Airport and HDOT Highways.
- **Look Ahead**
 - Resubmittal of the Final Design Schedule incorporating previous comments for review.
 - Continuing PE update.
 - Continuing to coordinate meetings with stakeholders: HDOT Airports and Highways, Transportation Security Administration (TSA), Federal Aviation Administration (FAA) and the US Navy.

Figure 26. Airport Guideway and Utilities Final Design (FD) Contract



As part of the re-baselining/FFGA submittal process, the guideway construction and utilities relocation contracts in the Airport and City Center sections are being re-packaged to reduce costs. Below is a summary of these changes from the Procurement Tracking Report on page 15.

Contract DBB-505: Airport Section Utilities Construction

This new contract removes the scope for utilities relocation from what was previously included in DBB-460 Airport Section Guideway and Utilities Construction and creates a new construction work package that will be completed in advance of the guideway construction.

Contract DBB-510: City Center Section Utilities Construction

This new contract removes the scope for utilities relocation from what was previously included in DBB-560 City Center Section Guideway and Utilities Construction and creates a new construction work package that will be completed in advance of the guideway construction.

Contract DBB-520: Airport and City Center Guideway Construction

This new contract removes the scope for the guideway construction from what was previously included in both DBB-460 Airport Section Guideway and Utilities Construction and DBB-560 City Center Section Guideway and Utilities Construction and creates a new construction work package that will be executed as a single contract.

3.5 UTILITY AND HDOT AGREEMENTS

UTILITY CONTRACTS

- **Activities this month**
 - WOFH Utility Construction Agreements (UCAs) have been executed with The Gas Company (TGC), Oceanic Time Warner Cable (OTWC), AT&T, Pacific LightNet, Inc. (PLNI), and, this month, Hawaiian Electric Company (HECO). HART placed its second materials order with HECO, this time under the executed Utility Facilities Relocation and Cost Reimbursement Agreement (UFCRA). The UFCRA with HECO is slightly different from the UCAs with other utility owners, in that it covers both Engineering and Construction. A UCA with Sandwich Isles Communication (SIC) is not required, as no known relocation scope has been identified; however, one has been prepared in case of unknown conflicts, and should be executed in May. The Hawaiian Telcom (HT) UCA, based upon the HECO UFCRA template, is under review by HT, with target execution in July.
 - KHG Engineering Services Agreements (ESAs) have been executed with: Chevron, OTWC, PLNI, tw telecom, Tesoro, and, this month, SIC. Remaining ESAs required for KHG are with: HT, AT&T and TGC, all expected to be executed in May.
- **Look Ahead to May/June – Significant Utility Activities on the Horizon:**
 - For the KHG section: Transmit draft UCAs to utility owners.
 - For Airport and City Center Guideway sections: Transmit draft ESAs to utility owners.

See Figure 27. Utility Agreements Status Matrix - WOFH, KHG, Airport, City Center on the next page.

Figure 27. Utility Agreements Status Matrix - WOFH, KHG, Airport, City Center

| Utility Agreements Status Matrix | | | | | | | | | |
|---|--|---|--|--|---------|---------------------------------------|-------------|--|-----|
| Utility Owner | WOFH | | KHG | | Airport | | City Center | | UCA |
| | ESA | UCA | ESA | UCA | UCA | COMBINED ESA | | | |
| AT&T | Executed May 11 '11 NTP May 12 '11 | Executed Dec 20, 2011 NTP Dec 21, 2011 | Sent final version to ATT for execution | Completed draft UCA; under COR review | | Preparing draft ESA | | | |
| Chevron | Executed Dec 04 '09 NTP Dec 22 '09 | | Executed Nov 04 '11 NTP Nov 15 '11 | Preparing draft UCA | | Completed draft ESA; under COR review | | | |
| Hawaiian Telcom (HT) | Executed May 20 '10 NTP June 14 '10 | Sent first draft (based upon HECO) to HT for review | Reached agreement on terms & conditions; <i>pending execution</i> | Preparing draft UCA | | Completed draft ESA; under COR review | | | |
| HECO | By Agreement with PB | <i>Executed</i> Apr 20, 2012 NTP Apr 20, 2012 | Sent draft to HECO for review | | | Will pull design language from UFRCA | | | |
| Oceanic Time Warner | Executed Dec 08 '09 NTP Dec 22 '09 | Executed Dec 21, 2011 NTP Dec 21, 2011 | Executed Jan 9, 2012 NTP Jan 9, 2012 | Completed draft UCA; under COR review | | Completed draft ESA; under COR review | | | |
| Pacific Lightnet (PLN) | Executed Apr 28 '10 NTP Apr 29 '10 | Executed Mar 12, 2012 NTP Mar 13, 2012 | Executed Feb 15, 2012 NTP Feb 16, 2012 | Completed draft UCA; under COR review | | Completed draft ESA; under COR review | | | |
| Sandwich Isle Communications | Executed May 20 '10 NTP June 08 '10 | Sent final version to SIC for execution | <i>Executed</i> Apr 20, 2012 NTP Apr 20, 2012 | Completed draft UCA; under COR review | | Completed draft ESA; under COR review | | | |
| The Gas Company | Executed Dec 18 '09 NTP Dec 22 '09 | Executed June 30 '11 NTP Jul 12 '11 | Sent final version to TGC for execution | Completed draft UCA; under COR review | | Preparing draft ESA | | | |
| TW Telecom | Executed Dec 02 '09 NTP Dec 22 '09 | | Executed Feb 14, 2012 NTP Feb 16, 2012 | Preparing draft UCA | | Completed draft ESA; under COR review | | | |
| Tesoro | | | Executed Feb 15, 2012 NTP Feb 16, 2012 | Completed draft UCA; under COR review | | Completed draft ESA; under COR review | | | |
| Legend: = Action this month = Not applicable ESA = Engineering Services Agreement UFRCA = Combined Engineering and Construction Utility Agreement UCA = Utility Construction Agreement COR = Corporation Counsel, COH | | | | | | | | | |

HAWAII DEPARTMENT OF TRANSPORTATION (HDOT) AGREEMENTS

- **Activities this month**

- The HDOT Design Consultant continues to review WOFH design submittals on HDOT's behalf.
- The HDOT Traffic Management Consultant contract is in procurement, with contract negotiation and draft review in progress and execution expected in May.
- WOFH:
 - The WOFH Joint Use and Occupancy (JUO) Agreement amendment has been executed.
 - HART has resolved HDOT's concerns regarding assignment of the project from the City to HART for the Master Agreement.
- KHG:
 - The Master and JUO Agreements await resolution of comments from HDOT regarding the HART assignment issue.
 - The HDOT Design Consultant has been selected and is in contract negotiation, with contract execution expected in May.
- Airport:
 - The HDOT Design Consultant has been selected and the contract is in negotiation, with execution expected in May.

- **Look Ahead**

- KHG Master and JUO Agreements execution.
- KHG and Airport Design Consultant contracts execution.
- Traffic Management Consultant contract execution.

3.6 OTHER DESIGN AND INTERFACE ACTIVITIES

- **Design Activities**

- Continued supporting WOFH, FHSG, KHG, MSF, and ASG contracts on submittal reviews and responses to RFIs and RFCs.
- Performed platform/canopy uplift analysis. No further work required.
- Continued mid-block closure analysis (Kuleana Street).
- Met with HDOT to discuss Kanuku Street intersection revisions. Developed alternatives for Kanuku Street intersection double left turn and provided concept for recommendation to HDOT.
- Reviewed requirement for location of turnaround on emergency access road within the State of Hawaii Department of Land and Natural Resources (DLNR) property.

- **Interface Activities**

- Continued to monitor contractor RFIDs and Interface Control Documents (ICDs) as pertain to Final Design baselines with the Core Systems Contractor, AHJV, as lead interface contractor.
- Interfacing with adjoining contractors until contract award on the West Oahu, Kamehameha Highway and Airport Station Groups (WOSG, KHSG, ASG) and Elevators and Escalators (EE) contracts.
- A total of 359 RFIDs have been logged (191 open, 168 closed).
- 24 Interface Design Meetings (IDMs) were facilitated.

4. GROUP REPORTS

4.1 SAFETY AND SECURITY

- **Activities this month**
 - Transit System Security weekly meetings with the Honolulu Police Department.
 - Developing Health and Safety and Emergency Response Plans for Ali'i Place Office.
 - Ongoing Construction and Environmental training.
 - Ongoing construction work site oversight.
- **Look Ahead**
 - Prepare a Safety Certification “How and Why” class for contractors.
 - Hold various safety meetings with contractors, committees and staff.
 - Hold various safety meetings with AHJV.

Figure 28. Construction Safety Monitoring - Safety and Security Issues

| Period/Date | Contract | Event Type | Comments |
|----------------|--------------|--------------|--|
| 2011 | ---- | ---- | 1-Occupational Injury/Illness. |
| January 2012 | | | 1-Occupational Injury/Illness. 1-Environmental. |
| February 2012 | | | 1-Occupational Injury/Illness. 1-Environmental. |
| March 27, 2012 | KHG/DB-320 | Security | 1-Security. |
| April 2, 2012 | KHG/DB-320 | Security | 1-Security. |
| April 16, 2012 | WOFH-KHG/AIS | Road/Vehicle | 1-Road/Vehicle. |
| April 19, 2012 | WOFH-KHG/AIS | First Aid | 1-Occupational Injury/Illness. |
| April 20, 2012 | WOFH-KHG/AIS | Loss/Damage | 1-Loss Damage. |
| April 30, 2012 | WOFH/DB-120 | First Aid | 1-Occupational Injury/Illness. |

4.2 QUALITY MANAGEMENT

- **Activities this month**
 - Conducted weekly meeting with GEC Quality Assurance (QA) staff to discuss overall Project QA/Quality Control (QC) issues with consultants, contractors (including sub-contractors) and internal staff.
 - Continuing training new HART staff to ensure that project participants are familiar with the latest approved plans and procedures, updating the Training Matrix accordingly.
 - This month, HART interviewed and selected 2 candidates for the 2 QA Engineer positions budgeted for the CSC, with a planned mid-June and July start date, respectively.
 - Adjusting and implementing the QA Audit Schedule for 2012.
 - Met to discuss the 2nd Bi-Annual 2011 Quality Management Plan (QMP) Management Assessment with HART Senior Management.
 - PMOC/FTA accepted the revised HART QMP (Revision 1).
 - Reviewed updated Inspection Test Plans (ITPs) for WOFH, KHG and MSF.
- **Contract-specific Activities this month:**
 - GEC II:
 - GEC continued to train new GEC staff on the approved Quality Assurance Plan (QAP) and Implementation Plan (IP).
 - GEC QA staff held the Q2 Quarterly Management Review of GEC Quality programs with GEC Senior Management.
 - GEC hired a Construction QA Engineer (CQAE).
 - Performed QA Audit of GEC Sub-Contractor Lea+Elliot on March 29. (No Non-Conformance Report [NCR]).
 - Reviewed updated ITPs for WOFH, KHG and MSF Contracts.
 - Performed 7 internal QA Surveillances, including Field Offices.
 - To date, 1 NCR has been issued; verification of corrective action is underway.
 - WOFH:
 - Bi-weekly QA Task Force meetings were held with the KIWC QA Team to discuss the status of design activities, field work, NCRs and quality compliance and improvements.
 - To date, 43 NCRs have been issued: 35 by KIWC and 8 by HART/GEC. (All closed).
 - Performed Environmental Audit of KIWC on April 26 (No NCR).
 - MSF:
 - Bi-weekly QA Task Force meetings were held with the KKJV QA Team to discuss the status of submittals, design activities and field activities.
 - Performed QA Audit (Design) of KKJV Sub-Contractor HNTB on March 30. (No NCR).
 - Performed Environmental Audit on April 25. (No NCR).
 - KHG:
 - Bi-weekly Quality Task Force meetings Quality Task Force meetings were held with the KIWC QA Team to discuss the status of design activities, field work, NCRs and quality compliance and improvements.

- To date, 4 NCRs have been issued. (2 Open).
 - CSC: Reviewed and accepted the AHJV QAP.
 - FHSG:
 - Continue to participate in weekly HART-GEC-HDR Design Coordination Meetings.
 - Approved the revised QAP (Revision 1).
 - To date, 4 NCRs have been issued. (All closed).
 - Airport Guideway:
 - Accepted the AECOM QAP.
- **Look Ahead**
 - Continue mentoring and training personnel on approved Project Plans and procedures.
 - Continue QA/QC and Environmental Compliance oversight of the WOFH, KHG, MSF and FHSG contracts; commenced QA oversight of CSC and AUG.
 - Perform scheduled QA Audits and Surveillances (Process Audits), as follow:
 - AECOM-AUG on May 23-24
 - KKJV-MSF on May 15-16
 - HNTB-MSF on May 17-18
 - Ansaldo Breda USA on May 21-22.
 - Follow-up on corrective and preventative actions on all NCRs and Observations issued.
 - Assist in the quality review of Requests for Qualifications (RFQs).

4.3 RIGHT-OF-WAY STATUS AND THIRD PARTY AGREEMENTS

- **Activities this month**
 - Acquisitions:
 - HART now holds title to 17 properties. The total amount expended for the acquisition of properties is \$25.5 million, which is \$7.6 million less than the budgeted amount of \$33.1 million.
 - Offers were made for TMK 9-8-009:017 at Pearl Ridge/Kamehameha Highway and for TMK 1-2-009:001 at Kalihi/Dillingham Blvd for the Kalihi Station.
 - Relocations:
 - Continuing to work with the 7 remaining households and 1 church within the Banana Patch, who were issued 90-day notices.
 - Property Management
 - Working to secure lease agreements with 3 tenants of TMK 9-8-10:002 at Waimalu/Aiea/Kamehameha Highway.

Figure 29. Right-of-Way Status Summary Table

| Section | Original # Parcels in FEIS | Current # Parcels Needed | Agreements In Process | Appraisals in Process | Offers | Acceptance | Relocation Complete | Ready for Construction |
|----------------------------|----------------------------------|--------------------------------|--------------------------|--------------------------|-----------|------------|------------------------|---------------------------|
| FULL ACQUISITION | | | | | | | | |
| Total | 40 | 38 | 0 | 6 | 6 | 7 | 24 | 10 |
| WOFH | 14 | 14 | 0 | 0 | 2 | 4 | 20 | 8 |
| KHG | 5 | 3 | 0 | 1 | 1 | 1 | 1 | 1 |
| Airport | 5 | 5 | 0 | 4 | 0 | 0 | 0 | 0 |
| City Center | 16 | 16 | 0 | 21 | 3 | 2 | 3 | 1 |
| PARTIAL ACQUISITION | | | | | | | | |
| Total | 163 | 133 | 7 | 1 | 5 | 0 | 0 | 7 |
| WOFH | 18 | 10 | 2 | 1 | 0 | 0 | 0 | 6 |
| KHG | 21 | 7 | 4 | 0 | 3 | 0 | 0 | 0 |
| Airport | 31 | 34 | 1 | 0 | 0 | 0 | 0 | 1 |
| City Center | 93 | 82 | 0 | 0 | 2 | 0 | 0 | 0 |
| EASEMENTS | | | | | | | | |
| Total | 12 | 12 | 5 | 0 | 0 | 0 | 0 | 1 |
| WOFH | 6 | 6 | 5 | 0 | 0 | 0 | 0 | 1 |
| KHG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Airport | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| City Center | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| GRAND TOTAL | 215 | 183 | 12 | 7 | 11 | 7 | 24 | 18 |

FEIS = Final Environmental Impact Statement

Figure 30. H RTP Acquisition-Relocation Agreements Status

| Agreement | Section | Date Required or Agreement Complete | Current Status |
|---|------------------------|--|---|
| University of Hawaii (UH) Master Agreement | WOFH, KHG, City Center | June 2012 | Tentative agreement on path forward to secure access to the property. |
| Leeward Community College (LCC) Sub-Agreement | WOFH | June 2012 | HART has initiated a property appraisal. |
| UH West Oahu (UHWO) | WOFH | November 2012 | HART has initiated a property appraisal. |
| Department of Education (DOE) Consent to Construct and Master Agreement | WOFH | February 8, 2011 | Executed. |
| DR Horton Agreement | WOFH | March 2012 | Executed. |
| DHHL Master Agreement | WOFH, MSF | March 10, 2010 | Executed. |
| DHHL Consent to Construct | WOFH, MSF | December 1, 2010 | Consent to Construct is in place pending license agreement and/or property transfer is completed. |
| DHHL License or Property Transfer | WOFH, MSF | December 2011 | DHHL is reviewing licensing agreement and discussions continue with the City on the transfer of property. |
| HDOT Master Agreement for WOFH | WOFH | October 31, 2011 | Executed. |
| HDOT WOFH Use and Occupancy Agreement | WOFH | April 2012 | Executed. |
| UH Urban Garden Sub-agreement | KHG | July 2012 | HART has initiated a property appraisal. |
| HDOT Master Agreement for KHG | KHG | May 2012 | Comments received from HDOT; issues being addressed |
| HDOT Use and Occupancy Agreement | KHG | June 2012 | Will be completed after KHG Master Agreement is signed |
| Aloha Stadium/ Department of Accounting and General Services (DAGS) | KHG | June 2012 | Received comments from DAGS. Issues relating to mitigation measures are outstanding. Have agreement for partial temporary use. Anticipate agreement in place in June. |
| Post Office Administration | Airport | November 2013 | Scheduling meeting with Post Office to discuss design requirements |
| HDOT Master Agreement for Airport and City Center | Airport/ City Center | September 2012 | Pending. Current plan is to combine Airport and City Center Agreements into one master agreement. |

| Agreement | Section | Date Required or Agreement Complete | Current Status |
|--|-------------|-------------------------------------|--|
| FAA Master Agreement | Airport | July 2013 | Determination will be made if this is required as design progresses. |
| HDOT Use and Occupancy for Airport | Airport | July 2013 | Will be completed after master agreement is in place. |
| HDOT Use and Occupancy for City Center | City Center | July 2014 | Will be completed after master agreement is in place. |
| Honolulu Community College (HCC) Sub-agreement | City Center | May 2014 | HART has initiated a property appraisal. |
| Federal Court House/ General Services Administration (GSA) | City Center | October 2014 | GSA plans to submit draft agreement for HART review in the next month. |
| Hawaii Community Development Authority (HCDA) | City Center | October 2014 | Awaiting final design requirements for the guideway. |
| DAGS | City Center | October 2014 | Awaiting final design requirements for the guideway. |

- **Look Ahead**

- WOFH Section:

- Initiate negotiations for TMK 9-4-047:008, a partial take for the West Loch Station, at Lower Waipahu/Farrington Highway.
 - Complete all Banana Patch residential and church relocations by June 30.
 - Complete appraisals of TMK 9-1-016:129 for the UHWO campus at Kapolei and TMK 9-6-003:048 for the LCC campus at Lower Pearl City.

- KHG Section:

- Continue negotiations for partial takes associated with TMKs 9-7-022:008, 9-7-023:008 and 9-7-022:021 at Pearl City/Kamehameha Highway.
 - Relocate tenants of TMK 9-8-010:002 at Waimalu/Aiea/Kamehameha Highway by December 31.
 - Complete appraisals of TMK 9-7-023-003 for the UH Urban Gardens at Pearl City/ Kamehameha Highway.

- Airport Section:

- Complete the environmental assessments for TMKs 1-1-016:14, 1-1-016:15, 1-1-016-005 and 1-1-016:006 at the Airport/Lagoon Drive prior to appraisal completion.

- City Center Section:

- Continue to secure consent to enter for Archaeological Inventory Survey (AIS).
 - Continue negotiations for TMKs 1-5-007:021, 1-2-009:001 and 1-2-010:068 at Kalihi/Dillingham Blvd; and a partial take associated with TMK 1-7-002:026 at Chinatown/Nimitz Highway and TMK 1-2-009:017 at Kalihi/Dillingham Blvd.
 - Complete appraisals for TMKs 1-5-017:006 and 1-5-018:001 for the HCC at Kalihi/Dillingham Blvd.
 - Submit for FTA concurrence appraisal for TMK 2-3-007:033 at Kaka’ako.

4.4 PLANNING AND ENVIRONMENTAL

- **Activities This month**

- Programmatic Agreement (PA) [reported by PA Stipulation number]
 - I. Roles and Responsibilities: Kako’o Consultant
 - Pacific Legacy is onboard and working under Task Order 1.
 - II. Traditional Cultural Properties (TCP)
 - Consultation for the Honouliuli Ahupuaa area (west portion of the WOFH section) was completed. The State Historic Preservation Division (SHPD) made the determination of “no historic properties affected,” with FTA concurrence, on April 20. Consulting parties were notified of this result. Guideway column construction was authorized to begin in this area.
 - Consultation for the remainder of the WOFH section and for the KHG and Airport sections is in progress. A TCP study was completed on April 20 by the SRI Foundation, a nationally recognized historic preservation consulting firm, and Kumu Pono Associates LLC, a Hawaiian firm with expertise in Hawaiian language, history and ethnography, to determine whether previously unidentified places of religious and cultural significance might be in or near the Project’s Area of Potential Effects (APE) and, if such places did exist, whether they might be National Register eligible. The study was submitted to Consulting Parties for review, which is on-going.
 - III. Archaeological Sites and Burials: Archaeological Inventory Surveys (AIS)
 - Phase 3 (Airport) AIS: Work will start in May on the Navy property. A total of 40 locations section-wide have been identified.
 - Phase 4 (City Center) AIS: 36 trenches (of 232 scheduled to be dug in the City Center phase [Middle Street to Ala Moana Center]) have been completed through April 30, and work continues. No *iwi kupuna* have been discovered.
 - V. Recordation and Documentation
 - Historic American Buildings Survey/ Historic American Engineering Record (HABS/HAER) photo recordation of adversely affected historic properties is scheduled to start in May for a series of historic bridges in the WOFH and KHG sections.
 - XIV. Administrative: Meetings
 - The Historic Preservation Committee met on April 13. The Grant Program approach and pre-application screening discussion continued. HART must follow federal procurement rules for these preservation/rehabilitation grants.
 - The Quarterly Consulting Parties meeting was held on April 13. A presentation on TCPs was made. Status updates for other stipulations were provided.
- Full Funding Grant Agreement (FFGA)-related Planning and Environment Tasks
 - Precast Yard: Environmental Documentation for the KIWC Precast Yard at West Kalaeloa Business Park was approved by FTA on March 20 and HART is waiting for the FTA Letter of No Prejudice 2A (LONP2A) to allow HART to incur costs up to \$21.8 million related to activities associated with the precast yard to support

limited construction activities authorized under LONP 2 (issued by FTA on February 6).

- Alternatives Analysis Summary: Submitted to FTA, as required for the FFGA.
- Before and After Study: Revisions to the Milestone II report require input from the Financial Plan and will be completed by June 1.
- Mitigation Monitoring Program (MMP): As part of the FFGA, and following coordination with FTA on the formatting of Mitigation Monitoring tracking information, an update of the June 30, 2011 MMP was submitted on March 15, replacing the Record of Decision (ROD) MMP for compliance tracking.
- Bus Fleet Management Plan: Submitted on March 15.
- Mitigation Monitoring Program (MMP)
 - Monthly and quarterly reporting on MMP Mitigation Measure Identifiers (MMIDs) continues. Fewer than 100 MMIDs are currently active. Monitoring includes: onsite inspection for construction activities, permit delimitation to include MMIDs, and road mapping of PA status by section. HART has hired new staff to assist with the monitoring and compliance task and expect that person to start work in June or July.
 - The Outdoor Circle (TOC): Updates are being provided by email. No meetings have occurred pending HART legal review since TOC has joined the list of plaintiffs in the federal lawsuit.
 - The Ko'olua'ula (*Abutilon menziesii*) flowering shrub (an endangered species endemic to Hawaii): The MOA between HART, HDOT and DLNR for HART's Certificate of Inclusion for the HDOT Abutilon Incidental Take License is in progress. No Ko'olua'ula were identified in the field survey conducted on March 22 and none has been found in the project footprint to date.
- Planning Activities
 - Special Use Permit (SUP) for the Ho'opili Laydown Yard: The SUP application was accepted by the DPP on April 17. The public hearing will be held on July 11. The request to DPP to continue the temporary Laydown Yard at Ho'opili was approved for extension through December 31, or the effective date of the Planning Commission's decision on the SUP, whichever occurs first.
 - KHG Laydown Yard: Development is under discussion.
 - On March 22, DPP concurred with HART that the HRTD retaining walls, guideway foundations, columns and superstructure were parts of a public works project and therefore exempt from the requirement for a building permit.
 - HART and DPP conduct monthly meetings on Transit-Oriented-Development around future transit stations.
 - Discussion and coordination continues with HCDA (Kaka'ako) and General Growth (Ala Moana).
 - DPP will participate with HART in the forthcoming rail project community meetings in May.
 - DPP is launching TOD plans and updates with focus on Ala Moana, Kalihi and Downtown.

- Monthly HART sustainability committee meetings continue as the team identifies ways to improve the support of “green” features within each contractor’s Sustainability Action Plans and project wide.
- **Look Ahead**
 - Completion of SHPD review of KHG AIS Report and Monitoring Plan by May 13.
 - TCP Completion in the WOFH, KHG and Airport sections in June.
 - Completion of photo recordation of historic properties in the WOFH and KHG sections and by July 1.

4.5 PERMITS

- **Activities this month**

- WOFH permits received:
 - HDOT Highways Division - Municipal Separate Storm Sewer System (MS4): for work in the Kalo Drainage Canal, allowing storm water runoff from exploratory testing to enter drainage inlets owned by HDOT Highways Division.
- MSF permits received:
 - DPP Minor Permit Waiver: necessary to allow buildings and retaining walls to exceed height limits.
- Airport AIS permits received:
 - HDOT Airports Division MS4: for AIS work in the Airport section, allowing storm water runoff from archaeological trenching to enter drainage inlets owned by HDOT Airports Division.
- Airport Guideway Design permits received:
 - HDOT Airports Division MS4: for pre-construction activities in the Airport section, allowing storm water runoff from exploratory and geotechnical work to enter drainage inlets owned by HDOT Airports Division.

- **Look Ahead**

- Significant permits to be received for KHG and Airport Guideway Design:
 - National Pollutant Discharge Elimination System (NPDES)-Form C-General Construction: necessary before performing any ground-disturbing activities, issued by the Hawaii Department of Health (HDOH) Clean Water Branch.
- Significant permits to be received for Airport Guideway Design:
 - Noise Permit: necessary for performing work on weekdays, issued by the HDOH Indoor and Radiological Health Branch.
 - Noise Variance: necessary for performing work at night or on weekends, Issued by the HDOH Indoor and Radiological Health Branch.

4.6 RISK MANAGEMENT

- **Activities this month**
 - The Risk Refresh Workshop was held with FTA and PMOC on April 11.
 - 18 Secondary Mitigations were reviewed with an estimated range of \$184 to \$295 million.
 - HART was assigned 10 action items. (See Figure 31 below.)
 - The Owner Controlled Insurance Program (OCIP) Consultant contract was awarded.
 - Risk Register updating is on hold while the Risk and Contingency Management Plan (RCMP) is being updated.
- **Look Ahead**
 - Complete Risk Refresh Workshop action items.
 - Issue Notice to Proceed (NTP) to the OCIP Consultant.
 - Monthly contract-/discipline-specific risk workshops will be held the first week of May.
 - The regular monthly meeting of the Risk Analysis Committee (RAC) will resume the third week of May.

Figure 31. Risk Refresh Workshop Action Items

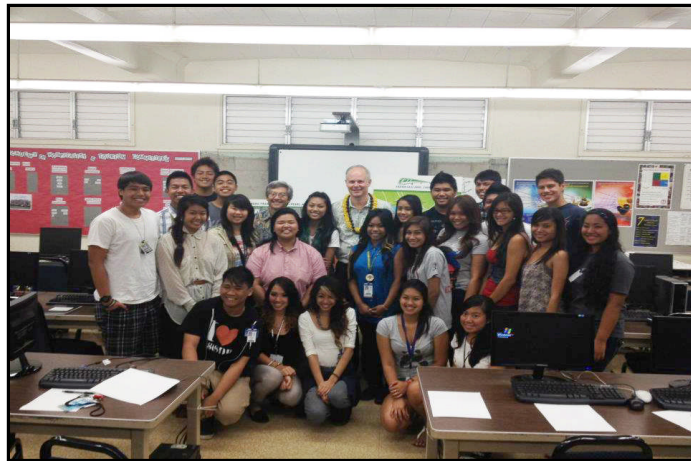
| # | Action | Description | Status |
|----|------------------------------|--|---|
| 1 | Capital Cost Estimate | 1. Base Cost Estimate adjustments. 2. PMOC-recommended Adjustments. | Guideway offline April 27 Timberline May 4 |
| 2 | Station Scope/Estimate | Provide PMOC updated station estimate with summary of how developed, plus additional drawings not submitted on March 15. | <i>Completed - sent to PMOC April 20.</i> |
| 3 | Stations Conference Call | Conference call with PMOC to discuss status of station estimate. | TBD. |
| 4 | Escalation (conference call) | PMOC questions on how escalation was applied in FY12/FY13. | <i>Completed - call held; sent updated cash flow.</i> |
| 5 | Real Estate Estimate | Provide write-up on revision of ROW cost. | PMOC awaiting additional information. |
| 6 | Final Basis of Estimate | PMOC requested the Final Basis of Estimate - address qualifiers included in March 19 submittal. | Planned for May 4. |
| 7 | Variance Report | Provide to PMOC. | To complete after Estimate resolved. |
| 8 | GET tax | Provide PMOC with the ruling on GET tax applicable to subcontractors to confirm "sunset" date. | <i>Completed -sent to PMOC April 17.</i> |
| 9 | RCMP | Update and submit for FFGA. | Pending estimate. |
| 10 | Financial Plan | Update/revise and resubmit drafts. | Pending estimate. |
| 11 | Risk Model Data | PMOC to send Risk Assessment model data. | TBD. |

Source: Attachment B. PMOC May 9, 2012 Meeting Agenda

4.7 COMMUNITY OUTREACH

- **Activities this month**

- In April, the public involvement team participated in:
 - 24 presentations, workshops and events and
 - 13 neighborhood board meetings.
- To date, staff has participated in:
 - 1,197 presentations and events and
 - 658 neighborhood boards.
- Media coverage included:
 - “Senate Committee Approves THUD Bill Supporting Honolulu Rail Transit,” Senator Inouye Press Release, April 19.¹
- CEO Dan Grabauskas visits with Waipahu High School students.



- Construction outreach continued with a visit to the West Oahu construction site for the drilling for the first column of the elevated guideway.



¹ THUD = Transportation, Housing and Urban Development Appropriations Bill, which includes \$2.043 B for the FTA capital investment grant program, of which \$250 M was requested by the Obama administration for the Honolulu rail project.

- HART Public Involvement booths at April events:
 - Informational booth at the 2012 First Hawaiian International Auto Show at the Hawaii Convention Center March 30-April 1.
 - Informational booth at the Primetime Wellness Fair at Blaisdell Exhibition Hall on April 5, attended by more than 5,000 attendees.
 - Interactive display booth at the Governor's Pacific Rim Safety & Health Conference, April 16-18, attended by more than 750 attendees.
- **Look Ahead**
 - Events in May-June:
 - The 7th Annual Hawaii Book and Music Festival on the Civic Grounds, Honolulu Hale, May 5-6.
 - Summer New Products Show at Blaisdell Exhibition Hall, June 8-10.
 - Annual "Aging in Place" Workshop
 - Informational Community Update Meeting Series:
 - Urban Honolulu, McKinley High School Cafeteria, 1039 S. King St., May 1.
 - Salt Lake, Radford High School Cafeteria, 4361 Salt Lake Blvd., May 2.
 - Kalihi, Farrington High School Cafeteria, 1564 N. King St., May 3.
 - Waipahu, Waipahu Int. School Cafeteria, 94-455 Farrington Hwy, May 8.
 - Mililani, Mililani High School Cafeteria, 95-1200 Meheula Pkwy, May 9.
 - Kamehameha Highway Guideway Informational Meeting, June 5.

5. STAFFING

- Activities this month

Figure 32. Staffing Activities

| Title | Group | New/Existing HART position* | Position Status | Start Date |
|--|---------------------------|-----------------------------------|--------------------|--------------|
| Executive Administration | | | | |
| CEO/ Executive Director | | New | Filled | April |
| Chief Financial Officer | | New | Recruiting | |
| Engineering and Construction | | | | |
| Engineer VI | KHG | New | Filled | April |
| Senior Clerk | Utilities/Permits | New | Filled | April |
| Engineer I | Mechanical | New | Filled | April |
| Engineer IV | Utility | New | Offer made | June |
| Planner V | Permits & Hazmat | New | Offer made | July |
| Engineer VI | City Center | New | Interviewing | |
| Planner V | Mitigation | New | Interviewing | |
| Contract Manager | Stations Group | Existing | Interviewing | |
| Secretary I | Core Systems | Existing | Interviewing | |
| Architectural Historian | Planning | New | Recruiting | |
| Traffic Engineer II | Facilities | Existing | PMSC | |
| Electrical Engineer III/IV** | Core Systems | New | Recruiting | |
| Administration and Controls | | | | |
| Quality Assurance Engineer | Mechanical | New | Offer made | July planned |
| Quality Assurance Engineer | Electrical | New | Offer pending | June planned |
| Assistant Project Officer | Admin & Controls | New | Recruiting | |
| Contract Change Specialist Supervisor | Configuration Management | New | Interviewing | |
| Human Resources Specialist I/II** | Civil Rights | New | Recruiting | |
| GIS Analyst III | Right-of-Way | New | Recruiting | |
| Manager | Document Control | New | Recruiting | |
| Procurement and Specifications Specialist IV | Procurement and Contracts | Existing | Recruiting | |
| Scheduler | Project Controls | Existing | Interviewing | |
| Executive Secretary | CEO | New | Interviewing | |
| Secretary I | Project Controls | New | Interviewing | |
| Labor Relations | | | | |
| Manager | Project Labor Agreement | New | Recruiting | |

*All HART positions unless otherwise identified as PMSC (InfraConsult).

**Per qualifications.

- **Staffing Projection**

5.1.1 The staffing projections (Actual versus Planned), as defined in the current Staffing Plan, are presented in the Figures below and on the next page.

Figure 33. Staffing Projection in current Staffing Plan

| <i>[Also see the Staffing Chart on the next page.]</i> | as of: | # Employees |
|--|----------|-------------|
| Target* | June 30 | 131 |
| Actual* | April 30 | 119 |
| Full-Time Employees budgeted for FY12** | June 30 | 136 |

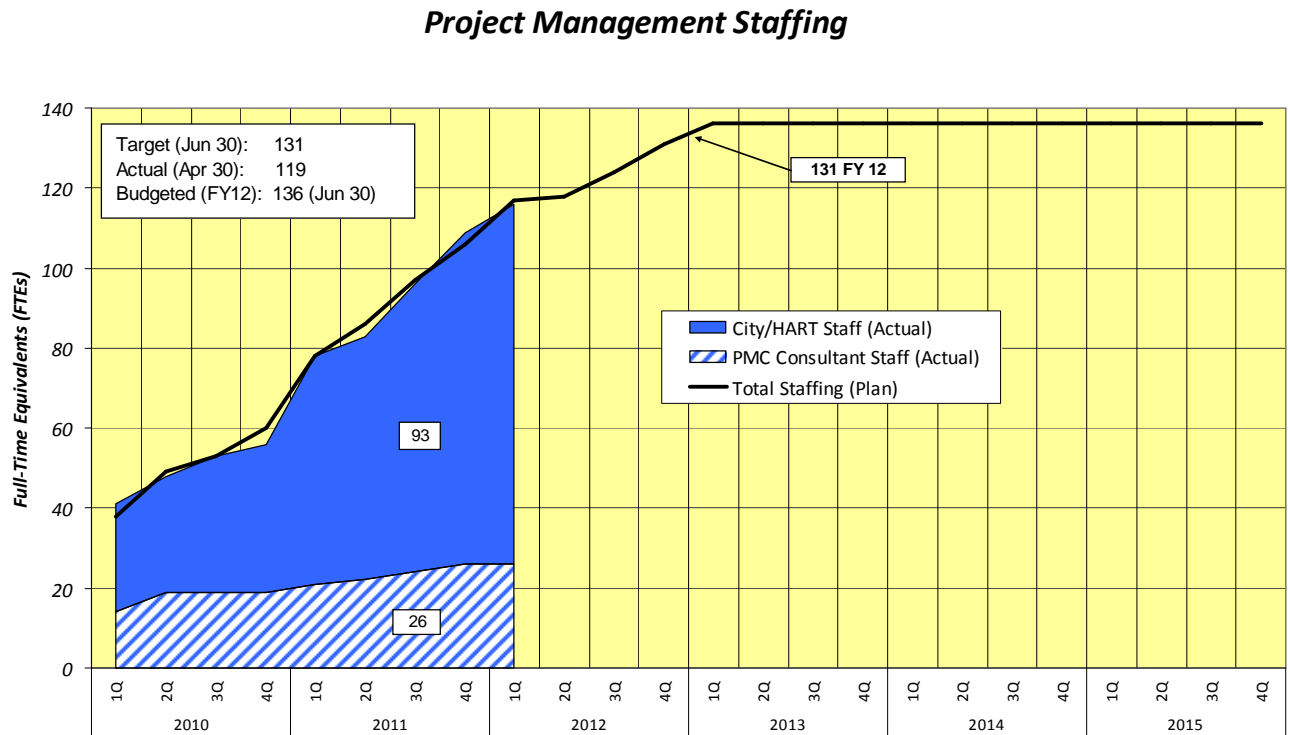
**Including PMSC staff; **Excluding PMSC staff.*

5.1.2 HART is currently receiving direct project support in centralized City functions from the following City departments:

- Honolulu Police Department (HPD)
- Department of Information Technology (DIT)
- Department of Budget and Fiscal Services (BFS)
- Department of Design and Construction (DDC)
- Corporation Counsel (COR)
- Department of Human Resources (DHR)

5.1.3 HART is also currently receiving direct project support in centralized City-State functions from the Hawaii Department of Transportation (HDOT) on Consultant Services Contracts.

5.1.4 For greater organizational structure detail, please refer to the HART Organizational Charts in Appendix A. Project Organization Chart at the end of this report.

Figure 34. Project Management Staffing (Actual and Planned)

6. APPENDICES

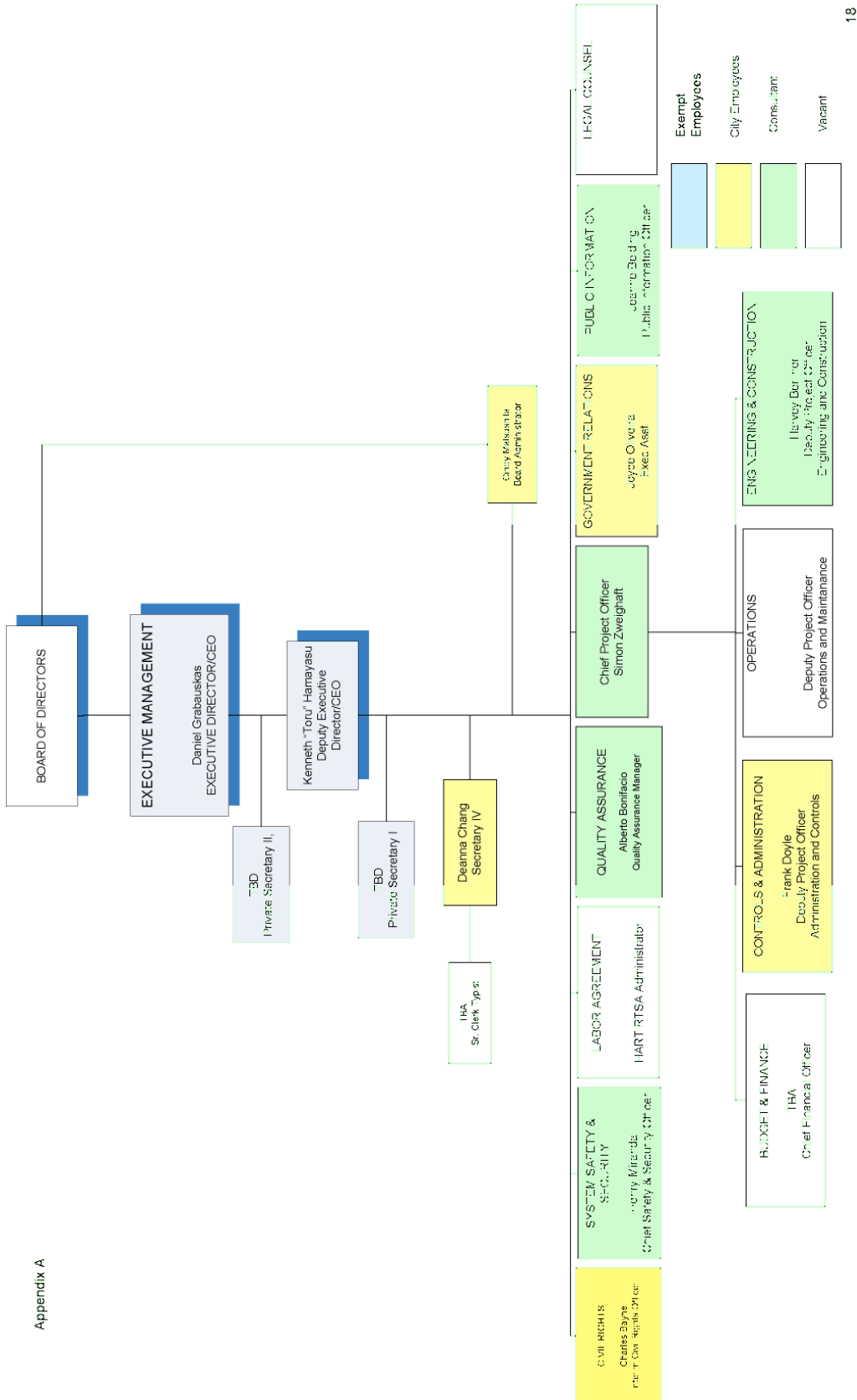
- **Appendix A - Project Organization Chart**
- **Appendix B - Project Alignment**

Appendix A. Project Organization Chart

4/23/2012

Honolulu Authority for Rapid Transportation

Appendix A



18

HONOLULU RAIL TRANSIT PROJECT



HONOLULU RAIL TRANSIT

